MANSFIELD STATE COLLEGE

Mansfield, Pennsylvania

THE COLLEGE CATALOG

1967-69

MANSFIELD STATE COLLEGE

MANSFIELD, PENNSYLVANIA

1967-1969
CATALOG

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Published by the Trustees of Mansfield State College, Mansfield, Pennsylvania.

"EDUCATION MAKES A PEOPLE EASY TO LEAD, BUT DIFFICULT TO DRIVE; EASY TO GOVERN, BUT IMPOSSIBLE TO ENSLAVE."

—Henry Baron Broughman

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THE COLLEGE

PHILOSOPHY

The ultimate goal of the College is to provide for its students the opportunity for the richest possible educational experience — a life segment which will most ably fit him to fill the role of contributor during his adult life. "Education" is interpreted as the summation of experiences which modify the behavior and attitudes of the individual — thus, academic disciplines, participation in undergraduate government, student activities and social experiences all represent valued influences.

A history of institutional development of the College reflects not only a pervading belief in the worth of the individual student, but also a sensitivity to the changing requirements of the modern world. A spiraling emphasis on the benefits of higher education to a larger proportion of secondary school graduates has been accorded impetus to the emerging multipurpose concept of Mansfield State College.

Today's College has discarded the ideology of "terminal education." The present curricula of teacher education, arts and sciences, and graduate studies provide cultural enrichment, in-depth investigation of major areas and necessary background which enable the student to live a more effective life, accept a vocational opportunity upon achieving the plateau marked by the awarding of a degree, and engage in continuing educational pursuits.

This college welcomes qualified students, faculty, and staff from all racial, religious, nationality, and socio-economic backgrounds.

It is the belief of the trustees, administrators and faculty of Mansfield State College that the quality of vision shall continually place the College in the situation of institutional growth in which yet-to-be-fulfilled aims extend beyond the current state of progress.

THE COMMUNITY

The Borough of Mansfield is located in Tioga County in the heart of Pennsylvania's beautiful Northern Tier. A residential community, its pleasant streets are lined with the harmonious mixture of well-kept traditional homes, modern dwellings, and apartment complexes which denotes the blending of history and current vitality.

The region is characterized by hills, forests and farmlands and is noted for unexcelled hunting and fishing. Opportunities for outdoor activities are highlighted by scenic grandeur of the Grand Canyon of Pennsylvania, the winter sports center at Denton Hill State Park and the beach and boating facilities at Hills Creek Lake State Park — all of which lie nearby.

The Borough is situated at the junction of U. S. Routes 6 and 15. It is about 35 miles from the Chemung County (N. Y.) Airport, 20 miles from the Grand Canyon State Airport near Wellsboro, and 31 miles from each of the New York rail centers of Elmira and Corning.

CAMPUS AND PHYSICAL FACILITIES

The campus of Mansfield State College occupies a hilltop setting high over the Borough, surrounded by a semicircle of still-higher elevations. Architects have made use of the college's sloping 115 acres to create attractive grounds, where tall trees and extensive lawns provide an atmosphere of quiet dignity.

An extensive building program, now in progress, will add an evaluation of more than $19,000,000 by September, 1971. Mansfield's administrators have steadfastly limited enrollment growth in a manner consistent with the availability of facilities. Thus, expansion plans will permit a gradual increase in the size of the student body to more than 3,000 students when the campus plan is fully realized.

At present the campus buildings include:

North Hall. One of the older buildings of the college, this women's dormitory also houses the college dining room, kitchens and bakery, the book and supply store, conference rooms, recreational areas and music practice rooms.

Pine Crest Manor and Hemlock Manor. Two units housing 420 women were completed in 1964 and 1965 respectively. The residential, academic, and social needs of the students were incorporated into the design of these modern facilities.

South Hall. This men's dormitory occupies the site of the original Mansfield Classical Seminary; also contains recreation and practice rooms.

Oak Hall and Hickory Hall. Privately constructed colonial style men's dormitories housing 300 men were first occupied in 1964 and 1965, respectively.

Alumni Hall. The ground floor of this dual-purpose building houses most of the administrative offices. The upper floors comprise a library of modern design containing a collection of 70,000 volumes which will be expanded annually until its capacity of 90,000 is reached. There are ample reading and study areas for student use.

Phase two of a three-phase library expansion plan is currently in progress and scheduled for completion in 1968 with added space for both library and administrative purposes.

Arts Building. Facilities are provided in this building for home economics education. Included are textiles, equipment, clothing, curriculum and foods and nutrition laboratories; a nursery school; reading room and living center. Renovation to be completed in September, 1968, will fit the building for single-department use.

Belknap Hall. Completely renovated in 1960-61, this building contains general classrooms, faculty offices and lounge, language laboratory, and a cartography room.

Grant Science Center. One of the most attractive buildings on campus, this structure contains large, well-lighted classrooms and laboratories and a lecture hall. Phase two of a planned four-phase structure will be added in 1967-1968.

Straughn Auditorium. Seating 1,250, the auditorium is provided with modern motion picture equipment, stage and lighting facilities for concerts and dramatic productions and a three-manual Austin organ. Renovation in 1967-1968 will update all facilities.

Retan Center. Formerly the campus elementary school, this building houses education offices and classrooms.

Allen Hall. This structure, renovated in 1962, contains a communications center, theater, laboratories and facilities for classes in special education and audio-visual education.

Gymnasium. A large playing floor, locker space and the offices of the physical education staff are provided here.

President's Home. This brick residence harmonizes with the rest of the campus, lending beauty and dignity to the scene.

Van Norman Field. Completed in 1960, this natural semi-amphitheater for football and track commands a sweeping view of the community and surrounding hills. Additional permanent seating facilities were installed in 1966.

Small Field House. Located on Van Norman Field and containing locker rooms, training room, coaches' office, turnstiles, concession stand and public restrooms, this attractive structure was built in 1966.

Infirmary. The student health center contains offices of the college physician and nurses, treatment and isolation rooms. Serious medical or surgical cases receive immediate attention at low cost at the nearby Blossburg State Hospital. Other area hospitals are Soldiers and Sailors Memorial Hospital, Wellsboro; Robert Packer Hospital, Sayre; Arnot-Ogden and St. Joseph's, Elmira.

Catherine E. Beecher Cottage and Ellen H. Richards Cottage. These relocated homes are used by women of the home economics education department for home management residency.

Laurel Manor. Dormitory space for 300 women is provided in this structure, completed in September, 1967.

Maple Hall. This facility houses 200 men in the rapidly developing dormitory complex and was completed in September, 1967.

The "Hut". Named for an earlier similar-purpose frame building, the newly completed facility serves as a student rendezvous where sodas and light lunches are served.

Buildings Under Construction. The 1967-69 span of this catalog will see the completion of many new structures as the comprehensive campus plan achieves realization. Included will be the following (completion date estimates are included):

September, 1968 — Manser Hall (dining hall); Dr. Will George Butler Center (music building); Health Services Building.

February, 1968 — Student Center (to be constructed on the site of North Hall).

September, 1968 — Addition to Laurel Manor (for 200 women), addition to Maple Hall (for 300 men).

October, 1968 — Maintenance Building and Garage, Boiler Plant Expansion and Utility Extension.

December, 1968 — New Gymnasium (to include swimming pool).

February, 1969 — Research and Learning Center (classrooms).

Planned Future Facilities. The fully approved campus plan will also include the following, which are scheduled for completion by 1970: a classroom building; a dormitory for 300 women; acquisition of additional land for practice fields, parking, roads, and recreation areas; Library Phase Three; and Grant Science Center Phases Three and Four.

HISTORY

In 1857, the Mansfield Classical Seminary opened with a registration of 105 students. Four months later, the original building burned to the ground; however, prominent citizens of the area, who had done much of the preliminary planning for the original structure, renewed building operations, with the result that South Hall was available for the formal opening of school November 23, 1859.

In 1862, because of the serious financial difficulties of the seminary, the Commonwealth of Pennsylvania acceded to the request of the trustees, and established it as the Normal School of the Fifth District.

Student Teaching was organized in 1871, in conjunction with the elementary grades of the Mansfield Soldiers Orphans School. Later, when the need for the Orphans School no longer existed and it was dissolved, the lower grades of the local public school were utilized for this phase of teacher education. A modern laboratory school for the lower grades was opened on the campus in 1914.

The State Council of Education in June, 1926, authorized the State Normal School at Mansfield to confer the Degree of Bachelor of Science in the areas of elementary education and secondary education. A year later Mansfield was designated a State Teachers College by formal resolution. Indicating a broadened concept of professional preparation, the Pennsylvania Legislature on January 8, 1960, authorized the general title, Mansfield State College.

Since it was first authorized to grant the B.S. in Education, Mansfield has expanded its curriculum to include the special fields of Music

Education, Home Economics Education, Library Education, Art Education, and an Arts and Sciences Curriculum. A graduate program in Music Education and Elementary Education has recently been approved, and inaugurated during the 1966 summer session.

Pennsylvania State Normal School,

MANSFIELD, TIOGA COUNTY, PA.

THIS INSTITUTION WAS

Recognized by the State Authorities, in December, 1862,

AS A

STATE NORMAL SCHOOL,

And formally Opened as such in September, 1863.

The School is at length placed upon a secure basis—the State appropriation of the current year enabling the Trustees to extinguish the greater portion of the outstanding liabilities, and to make extensive improvements upon the buildings and grounds.

The Second School Year will commence on Monday, September 5, 1864.

Prof. F. A. ALLEN, for the past six years in charge of the Chester County (Pa.) Normal School, has been elected Principal, and Prof. FRANK CROSBY, recently of the same institution, has been appointed to the Professorship of Languages and Literature. Prof. ALLEN is well known throughout the State as a gentleman of accurate scholarship, possessing a practical experience of fifteen years as an educator of teachers, and a thorough acquaintance with their educational wants, acquired from his connection with County Institutes in every section of Pennsylvania, as well as in other States; while Prof. CROSBY, in his special department, has few equals, and possesses the advantage of a rare and successful experience as a teacher of the various branches which are pursued in schools of the higher grade.

Competent and thorough instructors will be provided for the other departments of the School.

The building is to be refitted throughout and provided with furniture of the most approved style, together with an extensive collection of maps, charts, and works of reference.

Excellent Chemical and Philosophical apparatus will be in readiness at the opening of the School.

To keep pace with the improvements in education, a gymnasium will be erected, for which a valuable apparatus for the heavier and lighter exercises has already been secured.

The school year is divided into three terms of thirteen weeks each, with no vacation, except the week of Christmas holidays.

It is desirable that students should enter at the commencement of a term, and for a period of not less than thirteen weeks. **Tuition,** *in advance,* **per term, $6.00.** No extra charges for the languages or the higher mathematics. Text books rented at reasonable rates. Vocal and instrumental music at teachers' prices. Boarding in the hall, or in private families, from $2.50 to $3.00 per week. Fare from Philadelphia, $8.50; from Harrisburg, $6.00.

The arrangements now made are of such a nature as to warrant the Trustees in saying that no other institution in the State affords better facilities for the Education of Teachers, or for the preparation of students for college, or for general business.

For further particulars address the Principal, till July 1st, at West Chester, Pa.; afterwards, at Mansfield, Tioga County, Pa.

W. C. RIPLEY, *President Board of Trustees.*

ALBERT CLARK, *Secretary.*

MANSFIELD, June, 1864.

ACCREDITATION

Mansfield State College is accredited by the Middle States Association of Colleges and Secondary Schools and by the National Council for Accreditation of Teacher Education.

Individual departments also hold membership in the regional and national professional societies associated with their respective disciplines.

PROGRAMS OF STUDY

The Four-Year Elementary Education Curriculum leads to the degree of Bachelor of Science in Education and State certification which entitles the holder to teach in the elementary schools of the Commonwealth.

The Four-Year Secondary Education Curriculum leads to the degree of Bachelor of Science in Education and State certification which entitles the holder to teach in junior and senior high schools those subjects in which he has specialized, including grades seven and eight when organized on a secondary basis.

The Four-Year Home Economics Education Curriculum carries with it the degree of Bachelor of Science in Home Economics Education and State certification which entitles the holder to teach and supervise vocational home economics and general home economics in the junior and senior high schools.

The Four-Year Music Education Curriculum leads to the degree of Bachelor of Science in Music Education and State certification which entitles the holder to teach music in the public schools of Pennsylvania.

The Four-Year Library Education Curriculum leads to the degree of Bachelor of Science in Library Education and State certification which entitles the holder to serve as a school librarian. This program will also meet many employment requirements of public governmental or technical libraries and provides groundwork for graduate library education.

The Four-Year Art Education Curriculum leads to the degree of Bachelor of Science in Art Education and State certification which entitles the holder to teach in the elementary and secondary schools of the Commonwealth.

The Four-Year Arts and Sciences Curriculum leads to a degree of Bachelor of Arts. This program will meet employment requirements of industry, business, and government. The program provides the foundation for graduate study.

The Graduate Curriculum leads to the Master of Education degree in Music Education and Elementary Education. For further information write to the Dean of Graduate Studies.

SUMMER SESSIONS

The summer sessions are designed for in-service teachers, teachers desiring to enrich or broaden their professional education, high school graduates wishing to start their college studies early, and college students following an accelerated program or completing special requirements, and for graduate study.

By attending summer sessions, the student may complete requirements for the baccalaureate degree in education, the master's degree in

education, extend certification to additional teaching fields or make permanent the provisional college certificate.

The college schedules two sessions of six weeks each. Summer school credits may be earned at the rate of one credit per week of attendance. A total of 12 semester hours may be earned by attending both sessions. Permission to enroll for more than 12 hours must be obtained from the Dean of Academic Affairs. For further information write to Director of Summer Sessions.

ADMISSIONS

Applicants may be enrolled for the fall semester or spring semester, and for any of the summer sessions.

REQUIREMENTS FOR ADMISSION

1. General scholarship as demonstrated by:
   a. Graduation from an approved secondary school which includes grades 10, 11 and 12, or institutions of equivalent grades, or equivalent preparation as determined by the Credentials Evaluation Division of the Pennsylvania Department of Public Instruction.
   b. A satisfactory score in the Scholastic Aptitude Test of the College Entrance Examination Board, and such other tests as the college may deem necessary.

2. Satisfactory recommendation as to character, personality traits, proper attitudes and interests, from the high school principal, guidance director, or other school official acquainted with the student.

3. A certificate of examination signed by a physician, forms for which will be furnished by the college. This medical examination will be checked by the college physician and the applicant may be required to undergo a complete re-examination.

   a. Applicants may be rejected for incurable defects or diseases, defective vision of marked degree, permanently impaired hearing, marked speech defects, unsightly deformities and marked obesity.

   b. Students with remedial defects will be accepted on condition that immediate treatment be undertaken for their removal.

When a student has been granted admission and fails to enroll, his acceptance for admission will be valid for no more than two years following the month for which admission was granted. After two years such student, not having enrolled at any time during this period, must reapply for admission as a new applicant and meet the standards for acceptance current at the time of reapplication.

All applications for admission should be made to the Director of Admissions, Mansfield State College, Mansfield, Pennsylvania.

FOREIGN LANGUAGE ENTRANCE REQUIREMENT

All entering freshmen who wish to continue the same language studied in high school are required to take the CEEB Achievement Test in the foreign language no later than June 1, preceding matriculation. The test results are used to determine the course level in which he should be placed.

Candidates for the CEEB Achievement Test should obtain an application blank and a copy of the Board's Bulletin of Information from the CEEB, Box 592, Princeton, New Jersey.

SPECIAL REQUIREMENTS FOR ADMISSION TO THE MUSIC EDUCATION CURRICULUM

1. **Musical Aptitude**

   a. The possession of an acceptable singing voice.

   b. Evidence of average or above average musical aptitude as indicated by

      (1) a good sense of pitch,

      (2) rhythmic responsiveness,

      (3) adequate melodic and rhythmic memory.

2. **Musical Accomplishment**

   a. The ability to sing at sight a melody of the degree of difficulty of a simple folk song.

b. The ability to sing the alto, tenor, or bass part of a song of the degree of difficulty of "America."

c. Sufficient technical skill in one or more legitimate musical instruments to serve as a basis for the development of a firsthand acquaintance with standard works of musical literature.

d. Ability to play piano music of the degree of difficulty of the first book of a standard graded course of piano instruction, including equal facility in reading from the treble and bass clefs. Students who cannot meet the entrance requirements in this area will study without credit until they have removed the deficiency.

3. A working knowledge of the fundamentals of music theory such as scales, key-signatures, and the symbols of music notation.

Applicants who are deficient in any of the above-named techniques may be accepted if they give evidence of superior qualifications in other areas.

SPECIAL REQUIREMENTS FOR ADMISSION TO THE ART EDUCATION CURRICULUM

The curriculum in Art Education is designed to guide prospective art teachers to meet the challenge of accomplishment and understanding in the fields of general education, as well as to develop their abilities by providing studio experiences in such areas as drawing, painting, sculpture, graphic arts, ceramics, crafts and applied design. These studio courses are meaningfully coordinated to provide a rich background in aesthetics, art history, theory and criticism. The courses in psychology and philosophy of art education, observation, participation and student teaching are the culminating areas of the total Art Education program.

Candidates for admission to the Art Education Curriculum in addition to the general requirements set by the Office of Admissions will be required to meet with the members of the art department staff for a personal interview. At this interview a performance test will be administered. A portfolio of art work that best represents the student's proficiency in art experiences in various materials and techniques will also be submitted.

The student's efforts for the portfolio should be directed towards completing the following:

1. Still-life drawing in any media
2. Figure study; a composition containing two or more figures in one or more media
3. Two examples in the field of design which will employ knowledge of design relationships, color and lettering.
4. In addition to the above, a minimum of six pieces of work of the student's choice will be required.

All examples must be presented flat, not necessarily matted, in sizes not to exceed 22" x 28". Copies from photographs or other artists will

not be accepted. Photographs of sculptural work executed by the student will be acceptable.

ADVANCED STANDING

1. Application forms and information for transfer students may be secured from the Admissions Office.
2. Transfer students must meet the same requirements as other applicants, and will not be accepted without certificates of honorable dismissal.
3. Students who apply for advanced standing must have their transcripts and admissions data sent to the Director of Admissions before July 15 for the fall semester, or before November 15 for the spring semester.
4. Credit will be given for acceptable courses pursued in accredited college institutions only if the grade is one grade above the lowest passing grade.

   Mansfield State College accepts undergraduate credit transferred from approved non-accredited colleges. This credit is subject to validation by one year's successful work after transfer and is then counted toward undergraduate degree requirements at Mansfield State College.
5. No student may be graduated and receive a degree from this college without a minimum residence of one year. A minimum of thirty-two semester hours of work earned on campus will meet the requirement for one year of residence.
6. Degree candidates who wish to pursue any part of the program of studies for a degree of another institution will be required to secure prior approval from the Dean of Academic Affairs at Mansfield.

READMISSION

A written request for readmission should be sent to the Director of Admissions with a $10. re-evaluation fee by June 1, for the fall semester, or by November 15, for the spring semester.

REGISTRATION REQUIREMENTS FOR NEW STUDENTS

The college requires each entering student to present evidence of having taken the following within twelve months prior to his initial registration date:

1. Tetanus toxoid immunization
2. Negative tuberculin test and/or negative chest X-ray

This evidence may be obtained from the family physician and must be submitted to the college infirmary prior to registration or at the time of initial registration.

CERTIFICATION

Citizens of the United States who have completed any of the four-year curricula offered by the college and who have complied with all the regulations for graduation, will be granted a college degree. This degree should not be confused with the Provisional College Certificate issued by the Department of Public Instruction.

PROVISIONAL COLLEGE CERTIFICATION

A student successfully completing his curriculum in teacher education and receiving his degree from the college qualifies for a Provisional College Certificate, which is issued upon application to the Department of Public Instruction, Harrisburg.

In the elementary field this certificate qualifies the holder to teach in the elementary schools of Pennsylvania for three years.

In the secondary field the certificate entitles the holder to teach the subjects specified thereon in the secondary schools of Pennsylvania, grades seven and above, for three years.

In music education the certificate qualifies the holder to teach music for three years in both the elementary and secondary schools of Pennsylvania.

In home economics education the certificate is valid for the teaching of home economics in all the grades of the public schools of Pennsylvania for three years.

In foreign languages the certificate is valid for the teaching of foreign languages in all the grades of the public schools in Pennsylvania.

In art education the certificate is valid to teach art in all the grades of the public schools in Pennsylvania.

In library education the certificate qualifies the holder as a school librarian for any of the grades of the public schools of Pennsylvania.

PERMANENT COLLEGE CERTIFICATE

The Permanent College Certificate requires three years of successful teaching in the public schools of this Commonwealth under a Provisional College Certificate and the successful completion of twenty-four (24) semester hours of post-baccalaureate education for permanent validation. All permanent certificates require a basic course in the History of the United States and Pennsylvania and a basic course in visual aids and sensory techniques.

EXTENSION OF COLLEGE CERTIFICATES

1. A college certificate valid for the secondary field may be extended to include the elementary field by the completion of 30 semester hours of approved courses in the field of elementary education including six semester hours of elementary student teaching. The program to be completed for this extension must include (a) a course in the teaching of reading, and (b) courses in at least four of the following areas: mathematics, arts and crafts, music, physical educa-

tion, language arts, sciences, social studies, geography, mental hygiene or a course dealing with exceptional children.

2. A college certificate valid for the elementary field may be extended to include any subject of the secondary field by meeting all the standards required for the original issue of a secondary certificate in that subject. The program for this extension will also include 12 semester hours of professional education in the secondary area, six of which must be student teaching.
3. The holder of a Provisional College Certificate in the secondary field may be granted a temporary certificate to teach additional academic subjects provided he has completed 18 semester hours in the subject for which the temporary certificate may be issued. The temporary certificate may be granted at the request of an administrative official in the school district for a period not to exceed three years. Before the additional academic subject listed on the temporary certificate can be made a part of a provisional or permanent certificate, the 18 semester hours must be increased to the number of semester hours required for that subject.

PROGRAMS FOR TEACHERS IN SERVICE

TEACHING EXPERIENCE

Entrance and college credits based on teaching experience have not been granted since September 1, 1927. Credit will not be granted for student teaching other than that done under the direction of the college.

EXTENSION COURSES

Extension courses provided by duly accredited colleges and universities will be accepted from in-service teachers for no more than 25 per cent of the number of credits required for a degree. On a transfer record only courses that have received a grade above the lowest passing grade of the issuing institution will be considered for credit. Detailed information on acceptable credit may be obtained from the Dean of Academic Affairs.

SATURDAY AND EVENING CLASSES

Saturday and evening classes on campus have been established as a regular part of the Mansfield College program, in order to enable area teachers to continue their studies during the entire academic year. For further information write to the Dean of Academic Affairs at the college.

CORRESPONDENCE COURSES

The Department of Public Instruction prohibits the offering of correspondence courses by state colleges and also the acceptance of such courses for credit.

MAXIMUM SEMESTER CREDIT

Not more than six hours of credit may be taken in any one semester by a regularly employed full-time teacher.

FEES, DEPOSITS, REPAYMENTS

(Subject to Change Without Notice)

Summary of approximate costs per academic year (September to May) for Pennsylvania resident students.*

	Art Educ.	Elem. & Secondary	Library Educ.	Arts & Sciences	Home Econ.	Music
Basic Fee	$250.	$250.	$250.	$250.	$250.	$250.
Special Curriculum Fees	36.		36.		54.	90.
Activity Fee	60.	60.	60.	60.	60.	60.
Est. Cost — Books, and Supplies	100.	100.	100.	100.	100.	100.
Room, Board and Linen Service	648.	648.	648.	648.	648.	648.
	$1094.	$1058.	$1094.	$1058.	$1112.	$1148.

The **Basic Fee** covers registration and keeping of student records, library, student welfare, health service and laboratory facilities. Nursing and quarantine service require an additional fee.

Students taking NINE or fewer semester hours shall pay at the rate of $12.50 per semester hour. Students taking more than NINE semester hours shall pay the regular basic fees; basic fees for special curricula shall be prorated on the basis of an eighteen semester hour load.

STUDENT ACTIVITY FEE. This fee collected from all regularly enrolled students, will be administered through a cooperative organization approved by the Board of Trustees. It covers the cost of athletics, entertainments, publications, etc. Students taking less than ten semester hours or students taking extension courses may take advantage of this program by paying this fee. The fee, determined and collected by the College Student Services, Inc., is $30.00 for all semesters. Checks covering activities fees must be made out to College Student Services, Inc. **Do not expect to register if you cannot pay your Activity Fee at or before registration.** ACTIVITY FEES ARE NOT REFUNDABLE UPON WITHDRAWAL OF THE STUDENT FOR ANY REASON.

LATE REGISTRATION FEE. Each student registering after the date officially set for registration is required to pay an additional fee of $2.00 per day until the student is in regular attendance (except when permission for late registration has been secured in advance from the Dean of Academic Affairs). The total amount of the Late Registration Fee shall not exceed $10.00. The same regulation shall apply to approved inter-semester payments.

FEES FOR OUT-OF-STATE STUDENTS. Students whose legal residence is out of the State of Pennsylvania, pay $20.00 per semester hour. The amounts for the Activity Fee, Room and Board charges, and

*Commuting students pay the some costs except the item for room, board and linen service.

costs of books and supplies are the same as for students who are Commonwealth residents. Out-of-state students enrolled in curricula other than elementary, secondary and arts and sciences pay additional fees per semester as follows:

Art Education Curriculum	$18.00
Home Economics Curriculum	27.00
Library Education Curriculum	18.00
Music Education Curriculum	45.00

Students who enter the college from an out-of-state address will generally continue to be classified as non-Pennsylvania residents for fee purposes during their four years of college. An exception is made if the student's parents establish legal residence in the Commonwealth. The establishment by the student of a Pennsylvania mailing address or a Pennsylvania certificate of registration for voting purposes does not change the student's out-of-state status for fee purposes so long as his parents continue to reside out-of-state. The establishment by the student of a residence with a Pennsylvania resident who is a relative does not change the student's out-of-state status for fee purposes, unless that relative legally adopts the student.

PART-TIME AND SUMMER SCHOOL FEES. For Pennsylvania residents: $12.50 per semester hour (minimum fee $37.50).

For Out-of-State students: $20.00 per semester hour (minimum fee $60.00).

Activity Fee: $4.00 per 6 weeks session. For students enrolled in Pilot program, $30.00 per 12-week session.

Board, room and linen service: $108.00 per 6 week session.

Books and supplies are estimated at $32.00 per 6 week session.

HOUSING FEE

Board, room and linen service is $324.00 per semester.

Linen services consist of 2 sheets, 1 pillow case, 3 bath towels (per week), and 1 blanket and 1 bedspread (cleaned twice yearly). No reduction will be made in the above fees when students go home or furnish any of their own linen supply.

Off-campus students may avail themselves of the College Linen Service as previously outlined, for a charge of $18.00 per semester.

Unless they leave college, boarding students will not be permitted to withdraw from the dining room during the semester.

The housing fee for persons other than students is $15.00 per week.

There will be a special charge for transient lodging of $1.00 (plus sales tax) per night, per person.

Off-campus students may eat in the college dining room at a cost of $180.00 per semester — individual meals: breakfast $ .50; luncheons $ .75; dinners $1.00.

The charge for meals to transients: breakfast, $.75; luncheon, $1.00; dinner, $1.25.

Meal tickets for visitors can be obtained at the A. L. Mathias office.

INFIRMARY FEE

The services of the college physician and the college nurses are available to those who are ill or injured. Medicine for minor illnesses and dressings for injuries are furnished free of charge, but students must pay for special prescriptions or preventative vaccine.

After three days in the Infirmary, students from the dormitory will be charged a hospitalization fee of $1.00 per day in addition to the regular housing fee.

Day students in the infirmary **without** dining privileges, will be charged a fee of $3.00 per day. This charge includes regular medical and nursing care, and meals while confined to the infirmary.

Day students in the Infirmary **with** dining privileges, will be charged $1.50 per day for the above services.

PRIVATE MUSIC INSTRUCTION FEE

The charge for private music lessons to students not following the Music Education curriculum will be:

Voice, piano, band, or orchestral instruments: $24.00 per semester for one lesson per week. Elem. music minors: $15 per semester, per lesson, per week.

Pipe organ: $42.00 per semester for one lesson per week.

Rental of room for practice, one period per day: $6.00 per semester.

Rental of pipe organ for practice, one period per day: $36.00 per semester.

Rental of band or orchestral instruments: $6.00 per semester.

SPECIAL MUSIC INSTRUCTION FEE

Students of the Music Department who wish private music instruction other than that assigned by the director, will pay the same rate for such instruction as students not following the Music Education curriculum.

TESTING AND COUNSELING FEE

There will be a testing and counseling fee of $20.00 per incoming student, payable one time only and not refundable.

REPAYMENTS

Repayment will be made when a student withdraws because of personal illness, certified to by an attending physician, or because of such other reasons as may be approved by the Board of Trustees. Payments will include the amount of the contingent and housing fees paid by the student for that part of the semester which the student does not spend in the college.

NO REFUND will be granted to students who are temporarily suspended, indefinitely suspended or dismissed, for the entire semester during which the suspension or dismissal occurs. Students who voluntarily withdraw from the college will receive repayments only on the following basis:

Housing fees will not be refunded for the semester involved when the withdrawal occurs after the first two weeks of the semester as we have committed the college to furnish such housing and will be unable to fill the vacant space. Any refund allowed during the first two-week period will only be for one-half the total semester fee.

Tuition, special curriculum charges and activity fees, **will not be refunded for the semester involved.**

Dining fees will be refunded (on a weekly basis) for the time a student is withdrawn from college upon presentation of dining ticket.

All computations and processing of refunds shall originate with the Business Manager.

SCHEDULE OF PAYMENTS

	*Sept.	Nov.	*Jan.	April
Arts and Sciences Curriculum				
Campus Students	$287.00	$162.00	$287.00	$162.00
Commuting Students	125.00		125.00	
Art Education Curriculum				
Campus Students	305.00	162.00	305.00	162.00
Commuting Students	143.00		143.00	
Elementary and Secondary Education Curricula				
Campus Students	287.00	162.00	287.00	162.00
Commuting Students	125.00		125.00	
Home Economics Education Curriculum				
Campus Students	314.00	162.00	314.00	162.00
Commuting Students	152.00		152.00	
Library Education Curriculum				
Campus Students	305.00	162.00	305.00	162.00
Commuting Students	143.00		143.00	
Music Education Curriculum				
Campus Students	332.00	162.00	332.00	162.00
Commuting Students	170.00		170.00	

Checks or money orders for the above fees should be made payable to the Commonwealth of Pennsylvania with the money orders drawn on the Harrisburg post office.

*Payments for advance registration should be deducted from this amount.

PAYMENTS BY CHECK

Checks paid to the Revenue Office must be made payable to the Commonwealth of Pennsylvania. Checks covering Student Activities Fees are payable to the College Student Services, Inc.

SPECIAL CHARGES

Damages. Any damage to rooms or furnishings beyond that caused by normal use will be charged to students. If damage results from use of electrical appliances other than those provided by the college, students will be held accountable.

Charges During Illness. Charges during illness do not include the expense of trained nurses or of medicine. In cases of serious illness, students may be removed to a hospital where special expenses must be met. Cost of transporting a student to or from a hospital are the obligation of the student or sponsor.

Degree Fee. Every candidate for a degree is required to pay a diploma fee of $5.00. An application form for College Provisional Certificate must be filed with the Registrar at the beginning of the semester in which the student expects to obtain the degree.

Cap and Gown Fee. A cap and gown rental of approximately $5.00 must be paid by each degree candidate.

Transcripts and Fees. No official transcript will be issued directly to the student. A fee of $1.00 must be paid for the second and each subsequent copy of the academic record. The fee is waived for transcripts to be used in connection with induction, enlistment, or achievement in the armed forces.

DELINQUENT ACCOUNTS

No student shall be enrolled, graduated, or given a transcript of his record until all fees have been paid.

FINANCIAL OBLIGATIONS

Acceptance of a student is for a semester. Students and sponsors or parents should understand that financial obligations are incurred for the entire semester even though payment may be accepted on a nine weeks basis.

Application Fee for New Students or Readmits. An initial fee of $10.00 is required with all applications. This fee covers evaluation procedures and is not refundable for any reason.

DEPOSITS

Advance Registration Deposit. If the applicant receives preliminary acceptance, he must send an additional $50.00 as a guarantee of intention to enter the college for the semester designated. This $50.00 deposit is refundable only if the applicant is not given final acceptance by the Admissions Office.

PAYMENT OF FEES

All tuition, special department fees and activity fees, are payable in advance on a full semester basis. Tuition and special department fees are refundable only in case of illness when certified to by an attending physician. All other bills including housing fees, dining privileges, and extra room rent, must be paid at least nine weeks in advance. Checks should be made payable to the Commonwealth of Pennsylvania. If a money order is used, it must be payable at Harrisburg, Pennsylvania. Checks or money orders must be presented in the exact amount of the account. Bookstore purchases are on a cash basis.

Students will not be permitted to enroll for any semester until all bills previously incurred have been paid; nor will credit be certified to other institutions or to the Department of Public Instruction until all overdue accounts have been paid.

Students desiring to leave school before the close of a semester must report to the Dean of Academic Affairs, Registrar, to the Business Office and Campus Book Store to settle all unpaid accounts.

THE STUDENT PERSONNEL PROGRAM

PURPOSES

The student personnel program at Mansfield State College is dedicated to the development of an over-all campus environment — including the physical, social and academic environments, and the emotional and spiritual atmospheres — which will be conducive to the student's basic needs and aspirations. The college assumes that one of the basic aspirations of the student is the pursuit of academic excellence. Placed high on the student's basic needs is the desire for an active social and intellectual interaction between student and student, student and faculty members, and student groups and faculty groups. Priority for exchange of views, ideals, and thought, is basic to the development of a culture centered personnel program. We should continuously strive to achieve our purpose by providing the proper environment — comfortable resident halls, adequate recreational and social facilities and programs, sound curricula and superior teachers, reasonable codes of conduct and an opportunity for spiritual relaxation.

STUDENT GOVERNMENT

Mansfield State College believes that student participation in the direction of the student's own affairs has been one of the most important developments in the College's history. As the students assume more responsibility for their own codes of conduct, modes of group and individual activities, and spheres of intellectual developments, the privilege of self-government shall be broadened. The college and the students accept the fact that self-direction and government require responsible, serious-minded, sincere, and knowledgeable students who are willing to assume the obligations and responsibilities of governing. The broad base for the student government program is founded on the Student Government Association which includes in its membership all full-time and part-time Mansfield State College students. Monthly meetings are held for airing problems and for voting on major issues. During the monthly meetings hearings and reports received by action of the Student Council are reported for appropriate action.

A Student Council is elected yearly to represent the Association on all college affairs. This organization meets biweekly and conducts the normal business of the Association. The Student Council is represented by a president, vice-president, treasurer, secretary, adviser, four delegates-at-large, and the four class presidents.

STUDENTS PERSONNEL SERVICES

Living Accommodations. Our students reside in college resident halls, in college owned homes, in college approved homes in Mansfield, or in their parents' homes. The college believes that some experience in resident hall living is beneficial to the student's social and emotional maturity; therefore, freshmen men and all women students (except stu-

dent teachers) are required to live in the resident halls unless the student commutes from his home. Upperclassmen may be required to live in resident halls when facilities become available. Upon application to the appropriate dean of men or women, exceptions to this rule may be granted. Exceptions may be granted in cases involving age, marriage, and extenuating circumstances.

All students who reside in campus housing facilities must continue in residence for the entire academic year unless they withdraw from college, move to another community, or move to begin student teaching, or other contingencies. General and specific resident hall regulations are outlined in the student handbook, **The Password.** In addition, specific resident hall regulations applicable to individual halls will be available to each student upon request. The enforcement of resident hall regulations have been established through the respective men's and women's resident councils.

Resident students are required to eat in the college dining room. The Dean of Student Affairs may approve exceptions to this policy in cases involving health. Applications for permission to receive meals off-campus must be filed after the student's registration date. The College Infirmary will review applications which must indicate detailed diagnosis by the family physician of blood count, urinalysis, and basal metabolism test.

Mansfield State College wishes to have residents representing all creeds, races, ethnic, and cultural groups, living in college resident halls. Therefore, in compliance with the Pennsylvania Fair Education Practice Act, all resident assignments shall be made without regard to race, religion, color, ancestry, or national origin. Having accepted the Pennsylvania Fair Education Practice Act, we feel that a cross section of cultures has been provided, thus making a cosmopolitan community.

CLASSIFICATION OF STUDENTS BY RESIDENCE

1. **Resident students** — Those who live in resident halls or college owned homes.
2. **Off-campus students** — Those who have selected college approved housing in the community of Mansfield.
   a. **Town students** — Those who reside with their parents, legal guardians, or are married and reside in Mansfield.
3. **Day students** — Those who commute daily to and from the college.

Male students under 21 years of age who desire to room off-campus other than their own homes, must secure the written permission of their parents and the Dean of Men. A list of approved homes in Mansfield is available in the offices of the personnel deans. Financial arrangements for renting rooms or apartments are made directly between the home owner and the students. All students must secure contracts from the personnel deans.

RESIDENT HALL SERVICES

Personal Laundry. Personal laundry facilities are available to all resident hall students. These facilities are located in the basement of each resident hall at a cost of twenty-five cents per load of ten pounds. All students may secure personal laundry service from a contracted laundry. The service includes personal laundry items on a cost per item basis or bulk price service.

Campus Book Store. A book and supply store is operated by the Mansfield Cooperative Government Association and College Student Services, Inc. Profits accrue to the Associations under the auspices of College Student Services, Inc., for the furtherance of student life. The bookstore is open from 8:30 A.M. to 4:00 P.M., Monday through Friday. During registration week the store is open additional hours as posted, to aid the students in purchasing textbooks and classroom materials.

SPECIAL PERSONNEL SERVICES

Counseling Service. Students are urged to consult the personnel deans at any time with personal, social, financial or emotional problems. Problems involving resident hall matters may be cleared through resident assistants or housemothers who are all willing to aid in problem solving.

Academic problems should be directed to instructors, academic advisers, and department chairmen, in designated order. Each student is assigned to a faculty adviser in his department. Each student is urged to seek assistance through his adviser and is required to meet with his adviser at the nine-week counseling period. At this time the student may discuss personal and academic problems as well as plan his course of study for the ensuing semester.

The Dean of Student Affairs is responsible for general student welfare. Students are encouraged to consult with the Dean on any matter when the need arises.

Information and/or advice concerning financial aid, student employment, scholarships and student activities may be obtained through this office.

Through this office a student may be referred to the proper source for obtaining assistance in personal, academic, and vocational problems.

Student Health Service. The infirmary contains a well-equipped dispensary and rooms providing overnight beds. The college nurses and staff are on duty or on call at all times, and the college physician makes regular visits on Monday, Wednesday, and Thursday. A preventative health program is conducted which includes tuberculin tests, influenza vaccines, tetanus immunization, allergy vaccine, and diabetes injections.

Veterans Service. All veterans affairs are conducted through the office of the Dean of Men. All new students eligible to enter with veterans benefits should apply to their nearest Veterans Administration Regional office for official certificates or supplemental certificates of entitlement. This application for entitlement should be made only after the veteran or eligible student has been officially notified of his admission.

Mansfield State College is approved to provide training for eligible persons under the provisions of Public Law 634.

A student who is seeking deferment must complete a S.S. 109A form, which will be submitted to the student's local Selective Service Board by the office of the Dean of Academic Affairs. All men students file a S.S. IBM card at the fall term for identification purposes.

Placement Service. Mansfield State College maintains a Placement Office for the service of its graduates. Its purpose is to aid students and graduates in obtaining desirable positions related to their interests and type of education.

Confidential folders are maintained for all graduates who have registered with the Placement Office. Such folders are available to responsible employing officers. Interviews are arranged at the College or in the employer's office, whichever is more suitable. Students are encouraged to register with the Placement Office and make use of its services.

GENERAL COLLEGE REGULATIONS

Students at Mansfield State College are expected to manifest unimpeachable moral character and to maintain high ideals in their personal

behavior. Upon enrolling in the college every student thereby binds himself to observe the rules and regulations of the college. Violations of those rules and regulations may result in expulsion. The college reserves the right to exclude at any time a student whose conduct or academic record proves unsatisfactory.

Mansfield State College Social Code of Conduct. The traditions and principles of Mansfield State College which are to be accepted by every student upon registration, decree that the student will conduct himself at all times as a lady or gentleman and maintain standards which are consistent with good social practices and the policies outlined in the **Password.** College rules pertain to all students regardless of age or location of college residence.

Basic to the Social Code of Conduct are the regulations governing the alcoholic beverage policy, gambling, public disturbances, and student obligations and responsibilities. These policies have been formulated by a joint student-faculty committee and adopted by the Student Government Association, the Faculty Association, and the College Board of Trustees. Additional information regarding the Social Code of Conduct is stated in the **Password,** the official student handbook.

The responsibility for enforcement of the Social Code of Conduct is the responsibility of the Mansfield Judiciary System. The judiciary system has been established to protect the students' individual rights as well as to protect the welfare of the institution regulated by the laws of the Commonwealth of Pennsylvania. A detailed description of the Mansfield Judiciary System is outlined in the **Password.**

Special Regulations — Automobiles. The Traffic and Safety Committee, composed of students, faculty, and administrators has formulated the following policies regarding the use of automobiles by college students:

1. Freshmen and Sophomores under 21 years of age, while in residence at the college or have off-campus status, are not permitted to operate motor vehicles.
2. Juniors or Seniors who are under 21 years of age, may submit applications for permission to have automobiles on campus, through the office of personnel deans; these applications to be accompanied by parental permission in writing.
3. All students who have or use automobiles must register them with the security officer during Registration.

Regulations are distributed at the time of auto registration. Students are responsible for knowledge of traffic and parking regulations and for obeying same.

STUDENTS ACTIVITIES AND ORGANIZATIONS

The student activities program has been organized to encourage student participation in many areas of social, ethical, cultural, and recreational life. With a wide variety of activities each student is given the

opportunity to enlarge his cultural development through group participation. The entire program is a supplement for classroom learning, social living, and spiritual fulfillment.

The development of the Activities program, fitting it to the wishes and needs of the students, and coordinating its many areas of activity into the total college community, is the responsibility of the Dean of Student Affairs and Student Government. All scheduling, regulations, policies, and questions related to student activities, including evaluations of individual organizations, are acted upon by the Student Council and subject to the approval of the Dean of Student Affairs.

The student activities program is classified into four general areas of group or individual participation which may lead to learning sets or experiences.

Group 1. Student activities which emphasize group living experiences.

PUBLICATIONS

The Carontowan. Dedicated to student life at Mansfield, the yearbook is published by a board selected chiefly from the junior class. Each student receives a copy.

The Flashlight. The student newspaper, published weekly, is written by students interested in journalism and distributed to all students and faculty members.

The Password. This student handbook is published annually by the Student Council and is dedicated primarily to freshmen. It contains information about the college and campus life.

STUDENT GOVERNMENT

The Judiciary System. A court system has been established at Mansfield State College to protect the students' individual rights as established by the Constitution, as well as to protect the welfare of the institution regulated by the laws of the Commonwealth of Pennsylvania.

The Mansfield Student Government Association and The Student Council. Each student is a member of the Mansfield Student Government Association. In order to carry on the business of this group, the students elect 16 members to serve on a Student Council. The council plans the activity program, approves the dates for college meetings and forwards student opinions to the administration. The success of student government depends on the interest and enthusiasm of each student.

Group II. Student activities which emphasize ethical attitudes and values.

RELIGIOUS ORGANIZATIONS

Kappa Phi. The aim of this organization is closer association among Methodist women for the promotion of religious training and a wholesome social life.

Lutheran Student Association. This organization exists to promote fellowship and spiritual development for students of any Lutheran background. Meetings are held in one of the town churches — either the Episcopal or the Methodist.

Newman Club. The purpose of this Catholic club is to foster the spiritual, intellectual, and social interests of Catholic students. Activities include fall and spring communial breakfasts, spiritual talks by the clergy, panel discussions and social events.

Student Christian Association. Part of the Student Christian Movement, this organization is open to all students. It strives to develop spiritual, moral and social relationships among individuals. Programs of music and discussion are scheduled for weekly meetings.

Group III. Student activities which emphasize professional growth and development.

HONOR FRATERNITIES

Alpha Psi Omega. A national honorary dramatic fraternity. Membership is limited to outstanding participants in The Players.

Delta Phi Alpha. This is a German honorary fraternity which seeks to recognize excellence in the study of German and to provide an incentive for higher scholarship. In order to qualify for membership a student must have a minimum of twelve semester hours of college German and indicate a continued interest in the study of German language and literature.

Gamma Theta Upsilon. An honorary national professional fraternity. Membership is open to both men and women students who have completed at least six semester hours in geography with at least a 2.5 average, have declared an intent to major or minor in geography, and have an overall scholastic average of at least 2.25. It seeks to recognize ability and accomplishment in the field of geography and to promote geographical education.

Kappa Delta Pi. An educational honorary society which aims to set up worthy scholastic and professional ideals, to recognize outstanding work in the field of teaching, and to establish teaching on a higher plane in American professional life. Juniors having six and seniors having twelve semester hours of education and who rank in the upper quintile of their class, are eligible.

Kappa Omicron Phi. A national honorary home economics sorority. Members are selected on the basis of scholarship, professional attitude, and character. The number may not exceed 20 per cent of the enrollment. The aim of Kappa Omicron Phi is to develop women with higher ideals of sane living, with deeper appreciation of the sanctity of the American home, with broader social and higher intellectual and cultural attainments.

Lambdu Mu. A local music sorority which encourages high standards of musicianship and scholarship. To be eligible for membership, a woman music student must be at least a first semester sophomore. She must have earned an A in an applied music subject, an average of B in her music studies, and an average of C in her academic studies.

Phi Mu Alpha Sinfonia. A national musical fraternity for men who are interested in music either as a profession or as an avocation. The fraternity's aims are to advance the cause of music in America, to foster the mutual welfare and brotherhood of students of music, to develop true fraternal spirit among its members, and to encourage loyalty to the Alma Mater.

Phi Sigma Pi. A national education fraternity for men in teacher preparation institutions. Its ideals are character, knowledge, and fellowship. Its personnel is limited to men of superior scholastic, professional, and social standing, who have spent at least one year at college.

Sigma Zeta. A national science honor society restricted to upperclassmen. It seeks to recognize ability and accomplishment in the various branches of science. Meetings, field trips, and special projects make active membership in the organization pleasurable and worthwhile.

DEPARTMENTAL CLUBS

Anthropology Club. Open to students interested in anthropology and archeology. The club promotes visiting speakers, field trips, engages in "digs" and prepares archeology and anthropology exhibits.

Association for Childhood Education. An organization for students and faculty of the Elementary Education curriculum, the Association sponsors discussion of topics of common interest, seeks to promote closer fellowship among members and to help them become better teachers.

Council for Exceptional Children. An affiliate of the national organization of the same name. Membership is open to college students interested in becoming teachers of children who are mentally retarded, gifted, physically handicapped, or speech defective. Regular meetings provide opportunities for members to meet and talk with specialists in the field. The organization also plans other activities of interest to the group such as sponsoring parties for area special class children. Visits are made to special schools and institutions.

Debate Club. Debate as a tool of citizenship is encouraged. Topics of national importance are prepared for intercollegiate, interclub and radio presentation. The program includes both novice and varsity competition and is open to all interested students.

Geography Club. To promote interest in geography, the club schedules movies, lectures and debates. Membership is open to students majoring or minoring in geography and to others who have attained a 3.0 average in geography and an overall average of 2.5.

Intercollegiate Conference on Government. Open to all students, this organization is guided by the motto of the state organization coined by Miss Genevieve Blatt, former Secretary of Internal Affairs: "Our purpose is not to preach, not even to teach, but merely to provide a means whereby students may learn together how their government works." Within ICG, the student may become a member of the Young Democrats or Young Republicans if he so wishes.

Music Education Club. This departmental organization is open to all music students. It aims to acquaint members with current activities and developments in the field of music education. At monthly meetings, programs augment instructional activity. The organization sponsors a limited number of social events.

Omicron Gamma Phi. This organization for all home economics students holds monthly meetings consisting of lectures, reports and news in the home economics field. The organization keeps in close touch with related national activities.

MUSICAL ORGANIZATIONS

Concert Choir. Membership by audition only. Open to all students in the college. For each semester of participation a grade of Satisfactory is required.

Freshman Chorus. All freshmen in the music curriculum are required to belong to this organization for each semester during the freshman year. A grade of Satisfactory is required.

Festival Chorus. All students in the music curriculum who are not in the Concert Choir and Freshman Chorus are required to sing in this chorus at least five semesters beyond the freshman year. A grade of Satisfactory is required for each semester of participation.

Collegium Musicum. Discussion and informal performance of music from the beginning of the Christian era to the present day, with special emphasis on works for small vocal, instrumental, and mixed ensembles. Authentic early instruments used. Intended primarily as a complementary activity for students in music history classes, but open to all interested and qualified students.

Concert Wind Ensemble. Members are selected by audition. In addition to concerts on campus, this group tours twice a year. Membership is open to any qualified college student.

Dance Band. Both a professional and academic activity, the 16-piece dance band, known as the "Esquires," rehearses twice each week for academic credit, plays for large college dances and fills outside engagements.

Marching Band. Members are selected by audition. The Marching Band plays for all home football games and some off-campus games. Membership is open to any qualified college student.

Symphonic Band. After the marching season, the Marching Band is reorganized to form a concert band. This group studies a wide variety of band literature and presents concerts on campus.

Opera Workshop. Two major musical productions are presented during the academic year. A "road company" performs scenes from opera and musical comedy for schools and service clubs in the region. Singers, dancers, actors, musicians and stage craftsmen who meet the director's approval are welcomed.

Orchestras. The orchestras give students of all levels of technical proficiency experience in playing orchestral literature, and opportunities to observe orchestral procedures.

Renaissance Singers. A vocal chamber ensemble selected by audition to sing a repertoire that is more appropriate for a smaller group. The music performed ranges from the Renaissance to contemporary compositions. Concerts are given at the College and off campus by request.

Small Ensembles. Two periods each week are kept open for rehearsals of small vocal and instrumental groups, which provide opportunity for the development of musicianship and the mastering of procedures and materials of the medium.

Group IV. Student activities which emphasize satisfaction of interests.

ATHLETICS

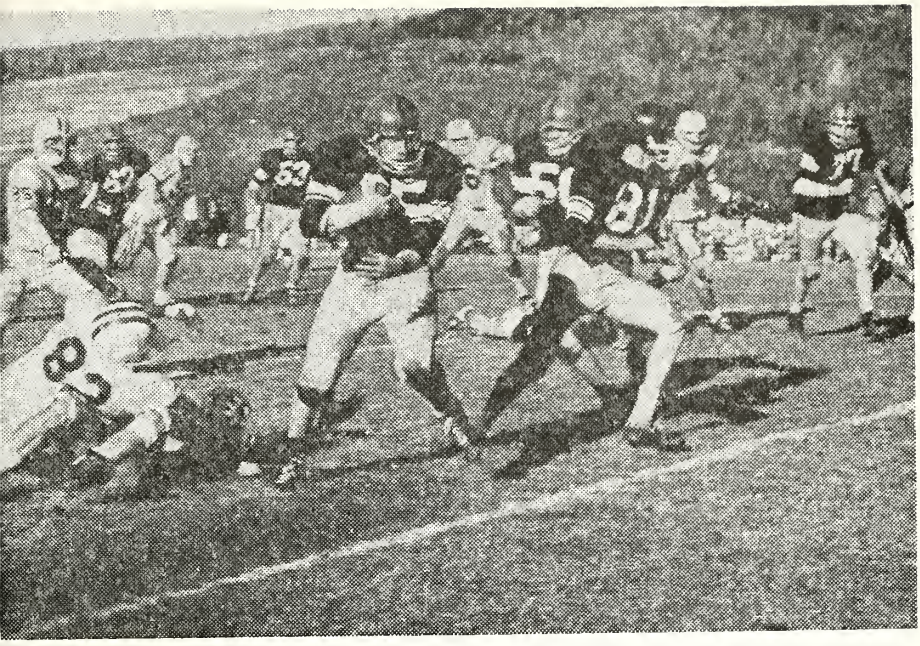
Intercollegiate. The athletic program of Mansfield State College is intended to supplement the academic curriculum and to complement the social and recreational opportunities afforded students by the many other activity programs sponsored by the College. Athletic policies and practices are the joint responsibility of the Athletic Policies Committee, The Student Council and the Administrative Council. Operation and supervision of the program of intercollegiate athletics is the responsibility of the Director of Athletics, assisted by the Athletic Policies Committee.

Opportunity is provided for all men students who are physically eligible and subject to the rules and regulations governing intercollegiate competition to participate in intercollegiate baseball, basketball, football, golf, tennis, track and wrestling.

Intramural and Recreational. In addition to the intercollegiate program, a wide variety of intramural sports is encouraged. These include tennis, basketball, volleyball, softball, bowling, badminton, touch football, roller skating, shuffle board, wrestling, and track. Many students also enjoy excellent hunting and fishing in the area, as well as winter sports.

SPECIAL INTEREST ORGANIZATIONS

Art Club. An honorary society for students who attain the grade of A in at least one semester of art, the Art Club is an affiliate of the Eastern Arts Association. It aims to promote an appreciation of the fine arts through both study and creative work.



4-H Club. A club to develop leadership and citizenship; to provide educational and recreational opportunities and to render service to the club, the community and the country.

Les Jongleurs. Organized in 1962, this group aims to stimulate learning and presentation of folk songs and dances through film strips, a record library, slides, guest speakers and assembly programs.

Marching Band. The marching band is active during the football season, after which its personnel is absorbed into other wind organizations.

M Club. Open to all men who have earned a varsity letter in one or more intercollegiate sports, this club aims to encourage wholesome living and good sportsmanship and to stimulate interest in athletics.

Men's Recreation Association. Established to create and develop interest in athletic and other recreational activities which may be enjoyed during and after college years; seeks to foster sportsmanship and clean living.

The Players. Students interested in acting are selected by tryout. Applications are welcome from students interested in costuming, make-up or staging.

Radio Club. Practical experience in writing, producing and acting of radio scripts is provided. Programs are taped in the Audio-Visual Laboratory for airing over Radio Station WNBT, Wellsboro, and elsewhere. Open to all interested students.

Student P.S.E.A.-N.E.A. A chapter of the Student Pennsylvania State Education Association and the Student National Education Association. Its purpose is to provide members with opportunities for (1) personal and professional growth; (2) development of leadership skills; (3) understanding of the history, ethics, and programs at state and national levels; and (4) participation in professional activities at local, state and national levels. Any student enrolled at Mansfield State College and interested in education may become a member.

Women's Athletic Association. Devoted to sports and recreation, this organization sponsors many activities. Members may use equipment owned by the Association. Climax of the annual program is the WAA breakfast each spring.

SOCIAL FRATERNITIES AND SORORITIES

Alpha Sigma Tau. The first social sorority to be formed on Mansfield's campus. Alpha Sigma Tau consists of women representing a cross section of all curricula. Its aim is to promote ethical, cultural, and social development of its members and the student body. Membership is limited to second semester freshmen and upperclassmen with an academic average of 2.2 or above and no record of social probation.

Delta Zeta. Iota Theta chapter of Delta Zeta was formally installed on Mansfield's campus March, 1966, bringing with it the need for a National Panhellenic Council. The object of this sorority is to unite its members in the bonds of sincere and lasting friendships, to stimulate one another in the pursuit of knowledge, to promote the moral and social culture of its members, and to develop plans for guidance and unity in action. It is preferred that any girl with a class standing of second semester freshman or above, wishing to pledge Delta Zeta, have an academic average of above a 2.0 and no record of social probation.

Chi Psi Omega. Chi Psi Omega was founded on March 8, 1966 and recognized as a social club working toward sorority status. On September 28, 1966 local sorority status was established. The purpose of Chi Psi Omega is to promote lasting friendships, and maintain high standards of honor, loyalty, and service. The sorority is engaged in several campus activities and has made contributions to Homecoming, the banner contest, Grecian sing, and dining room decorations. Membership is limited to second semester freshmen and upperclassmen with an academic average of 2.0.

Panhellenic Council. Panhellenic Council consists of three members from each sorority on campus. Its function is to coordinate sorority functions and to supervise all rushing procedures.

Phi Sigma Epsilon. Phi Sigma Epsilon was established as a social fraternity on the Mansfield campus in April 1962. The Mansfield chapter of Phi Sigma Epsilon is recognized as Phi Nu Chapter. The aims of Phi Sigma Epsilon are to stimulate higher standards of scholarship; promote intellectual, moral, and social ideals; foster college spirit and per-

petuate friendship and social ties. The membership of Phi Nu Chapter is limited to second semester freshmen and upperclassmen with academic averages of at least 2.0.

Sigma Tau Gamma. A national social fraternity. The purposes of this fraternity are to promote the highest ideals of manhood, brotherhood, and citizenship. It shall seek to promote social, cultural, scholarly, recreational, and benevolent fraternal relations for Mansfield State College and the members of the organization. One full semester of college courses and a cumulative average of at least 2.1 is required for membership in this fraternity.

Phi Sigma Kappa. Phi Sigma Kappa was officially installed on Mansfield Campus in the spring of 1966. The fraternity thrives on the three cardinal principles: promote brotherhood, stimulate scholarship, and develop character.

The fraternity is open to all second semester male freshmen and upperclassmen. A cumulative 2.00 average is required for admission to the fraternity.

The individuals in the fraternity strive to promote a social and cultural aspect for its members and the rest of the students both on and off campus.

The Inter-Fraternity Council. The I.F.C. is composed of the social fraternities at Mansfield State College. It serves as the governing body for the fraternity system on the campus and promotes the interests of both the college and the fraternity system. Its basic objective is to insure cooperation between fraternities and the college administration.

SPECIAL EVENTS

Assemblies. Assemblies are held in Straughn Auditorium Tuesdays at 2:00 P.M. These programs supplement classroom learning and include concerts, presentations by campus organizations, speakers, and such annual events as Convocations and Awards Assembly.

Student Government Association meetings are held monthly on Thursday at 2:00 P.M.

Commencement. Attendance at commencement ceremonies is required unless circumstances demand graduation **in absentia,** which is permitted only by the president of the college.

Mansfield Feature Series. Eight or more famous lecturers or entertainers are engaged by the Feature Series Committee each year. These programs enrich the cultural experiences of our students and complement their academic programs. A few past presentations have included: Mrs. Eleanor Roosevelt, Victor Reisel, Vincent Price, the Rochester Philharmonic Orchestra, and the Kai Winding Septet. Last year Hamlet was one of the outstanding features. Public admission is by subscription; student admission is by presentation of ID card.

Other Cultural Opportunities. Recitals and concerts are sponsored by the Music Department in Straughn Auditorium by the faculty and advanced students. The sixty-five piece Mansfield College-Community Symphony Orchestra presents several concerts each year. Art shows are held regularly in the upper reading room of the library and an art acquisition program was instituted in 1962. Selected films are presented in the Allen Hall Little Theatre on Friday or Saturday evenings. The College Players present two plays a semester, which add drama, light comedy, and local talent to our cultural program. The Opera Workshop produces one Broadway musical each semester, providing excellent entertainment for the College. Admission to all of these events is gained by presentation of the student's ID card with the exception of the College Players and Opera Workshop productions, which require a small fee.

THE GENERAL ALUMNI ASSOCIATION

The General Alumni Association of Mansfield State College is chartered under the laws of the Commonwealth of Pennsylvania for the purpose of fostering a spirit of fellowship and continuing loyalty to the college. The Association meets annually.

The Mansfieldian, official organ of the General Alumni Association, keeps the alumni informed of the progress of the college, of the activities of the alumni and the various alumni clubs. This publication is sent to all dues paying members of the association. The Alumni News Bulletin is sent annually to all alumni.

Homecoming in the fall, and Alumni Day in May, are the two major campus events of the year for alumni. Alumni clubs in many parts of the country hold regional meetings.

The Alumni Association maintains permanent records of all graduates of the college. If the current address or other information is needed about a former student, correspondence should be addressed to the Alumni Office. Alumni visiting the campus are invited to visit the Alumni Office and to make it their headquarters while in the area.

STUDENT AID

GENERAL INFORMATION

As a state college, Mansfield State College offers higher education at a cost considerably below that of private and parochial colleges. For the same reason, financial assistance — both as to the number of grants made and the amounts awarded — is quite limited as compared with many colleges which are heavily endowed. While remaining committed to offering financial aid to outstandingly able students who can show evidence of financial need, Mansfield State College must necessarily recognize that the financial costs of acquiring a higher education remain, at this time, the obligation of the student and his family.

Matriculation at Mansfield State College is for a semester; the College, therefore, expects each entering student to be able to meet the expenses of the semester without the expectation of financial assistance **unless such aid has been previously arranged and confirmed.** New students, particularly, are urged to be ready to personally and wholly defray all expenses arising during their initial semester at Mansfield State College since applications for financial aid cannot be filed before formal acceptance, and applications for financial aid require considerable time to process. Similar conditions exist as pertain to student employment applications.

The following points are emphasized:

1. A new student (prospective Freshman or transfer) should not file application for, or make inquiry about, any type of aid before his admission has been confirmed by the Director of Admissions and the Advance Registration deposit has been paid to the college and acknowledged. Inquiries should then be made to the office of Student Financial Aid, Mansfield State College.
2. The only form of financial aid available to transfer students during their first semester at Mansfield State College is part-time employment and such job opportunities are extremely limited.
3. Any student requesting N.D.E.A. loans, scholarships, or federal work-study, must have filed the confidential statement related to his personal and family finances with the College Scholarship Service, Princeton, New Jersey. That agency will then advise the college of its objective analysis as to the student's (or student's family) ability to finance his own education at Mansfield State College. The Student Aid Committee utilizes this information when considering applications for all forms of student aid except state work-opportunity and N. J., N. Y., and Penna. State Educational Assistance. Responsibility for filing the confidential statement rests with the student; help may be secured from high school principals and guidance counselors. **The CSS information Sheet is NOT an application for aid.**
4. No advance disbursement of an approved financial assistance grant will be made by the college until the student has paid

the Advance Registration Deposit for the semester for which the financial aid was awarded.

OFF-CAMPUS EMPLOYMENT

The College wishes to impress prospective students that the location of Mansfield State College in a rural, non-industrialized region of the state greatly reduces the opportunities for outside part-time employment. Further, with increased emphasis being placed on scholastic attainment at this College, the number of hours in which a student may engage in employment has tended to drop sharply in recent years. The acquisition of off-campus employment is the responsibility of the individual student although the several Personnel Deans may be able to provide some limited job vacancy information. There has, however, been made available to qualified applicants, a small amount of part-time off-campus State and Federal Works Study Program employment. Additional information may be obtained in the office of the Director of Student Financial Aid.

PART-TIME CAMPUS EMPLOYMENT

Part-time student employment at the College is available in the dining hall, library, dormitories, grounds and buildings, student union facilities, and offices. Such employment is normally awarded to students who have demonstrated ability to do satisfactory academic work and shown evidence of financial need. These positions are normally filled by upperclassmen but a limited number of positions are open to exceptional freshmen. Requests for student employment are made after formal acceptance and payment of the Advance Registration Deposit. Applications are available from, and submitted to, the Chairman, Student Aid Committee, office of Student Financial Aid.

Part-time State and Federal Works Study Program employment is available in the dining room and library of the college. For details see the Director of Student Financial Aid.

SCHOLARSHIPS

The following scholarships are awarded by various sponsors in cooperation with Mansfield State College. Applications are available from the office of Student Financial Aid, Administration Building.

H. W. Colegrove Scholarship Fund. Annual awards of $100 each to two deserving young women residents of McKean County, Pennsylvania, and $100 each to two deserving young women residents of Tioga County, Pennsylvania, are made for the purpose of aiding the recipients in defraying college expenses. The awards are usually made to Clarion and Mansfield State College students. These scholarships are not customarily available to new students.

Theodore Presser Foundation Scholarship Grant. The College receives annually a grant of $400 for financial grants to outstanding **junior or senior students majoring in music education.** Grants are awarded by the Music Education department with the approval of the President of the College. Applications for these grants should be made to the Chairman of the Music Education Department. Grants are made for undergraduate work for the forthcoming academic year.

Hannah Kent Schoff Memorial Scholarship. The Pennsylvania Congress of Parents and Teachers each year in April awards two four-year scholarships of $150 per year to a worthy Pennsylvania student. The student is selected by the Student Aid Committee on the basis of scholarship, personality, and financial need. Applications may be secured from, and returned to, Chairman, Student Aid Committee, office of Student Affairs. Applications must be received before March 1.

Pennsylvania State Scholarship. In 1965 the Pennsylvania State Legislature appropriated monies to be granted in the form of scholarships. Although the primary purpose of the program was to assist capable high school seniors to gain financial aid during the first year in college, some aid is made available to those presently enrolled in college. College students are nominated for awards on the basis of academic performance, residency status, and demonstrated financial need.

More detailed information can be obtained from the Office of Student Financial Aid.

Federal Grants. Grants of up to $750.00 will be available as a result of the Higher Education Act of 1965. These awards, known as Federal Educational Opportunity Grants, are distributed to students who are in good academic standing and have demonstrated financial need.

More detailed information can be obtained from the Office of Student Financial Aid or from the Chairman of the Student Financial Aid Committee.

LOANS

National Defense Student Loan Program. The National Defense Act of 1958, as amended, makes available to full-time students showing evidence of financial need and maintaining good academic standing, loans for college expenses. Special consideration is given those students whose academic record indicates a superior capacity in science, mathematics, engineering, or a modern foreign language or to students of superior academic background who expect to teach in elementary or secondary schools.

N.D.E.A. loans are awarded for a semester and based upon accumulative grade point average. Evidence of need will normally be on a yearly basis as evaluated by the College Scholarship Service. Currently the College makes a maximum grant of $400 per semester although the maximum provided by federal legislation is $1,000 per year and $5,000 during the borrower's enrollment. A portion of the College's N.D.E.A. Loan Fund is reserved for entering Freshmen. These awards are made on the basis of financial need and academic promise as indicated by SAT scores of the College Board Examinations.

Applications for N.D.E.A. loans may be received from, and returned to, the Chairman, Student Aid Committee, office of Student Financial Aid. Application should not be made before notice of acceptance has been received and the Advance Registration Deposit paid to the College.

State Higher Education Loans. Pennsylvania, New York, and New Jersey have state agencies which guarantee a college student's loan with a

banking institution. All Pennsylvania residents are eligible for this loan who are either accepted as a freshman or who are matriculating at Mansfield State College and are in good academic standing. Pennsylvania grants $1,000 per **academic** year **(as determined by semester hours completed.)** Loan applications are available from cooperating banks in the student's home area or directly from the Pennsylvania Higher Education Assistance Agency, Education Building, Harrisburg, Pennsylvania 17126. New York residents are eligible upon acceptance by this College and thereafter by maintaining a 2.0 cumulative grade point average. Grants of $750, $1,000, $1,250, and $1,500 are awarded for the Freshman, Sophomore, Junior, and Senior years respectively. Qualification is governed by class standing as determined by semester hours completed, not by semesters of attendance. Applications are available from cooperating banks in the student's home area or directly from New York Higher Education Assistance Corporation, 111 Washington Avenue, Albany, New York 12224. The New Jersey plan is similar to the Pennsylvania and New York plans; applications may be secured from the lending institution or directly from the New Jersey Higher Education Assistance Authority, 225 West State Street, Trenton, New Jersey.

The following procedure has been established for processing state higher education loans at Mansfield State College:

All copies of the application should be submitted to the office of Student Financial Aid, Alumni Hall, Mansfield State College.

The office of Student Financial Aid will certify your loan application, attach all necessary supporting documents, and mail your loan request to the proper agency. Notification as to award or denial will be received directly from the respective state agency.

Normally, Mansfield State College will request that the loan granted to student borrowers be divided so that a check equal to the amount which the student will owe the Commonwealth of Pennsylvania and the Mansfield Cooperative Government Association is payable jointly to the College and the student. Any remaining amount would then be paid directly to the student for his books, supplies, clothing, and personal expenses.

Application for a state higher education loan should be made as soon as the student has accumulated sufficient credits to qualify for the higher class standing. Students are requested NOT to wait until the opening of the new school year.

Omicron Gamma Pi Student Loan Fund. Loans are made to students of the Home Economics Department with preference given to seniors. Awards are made on the basis of scholastic standing, high ideals, and strong character. Applications are received from the Chairman, Department of Home Economics and submitted to Omicron Gamma Pi which makes the individual loans.

Stevens Brothers Foundation Loans. Loans of $25 to $50 per month during the Senior year are made to **Senior** men who will commence work at the close of the academic year. Additional information and applications may be secured from Chairman, Student Aid Committee, Office of Student Financial Aid.

INSTRUCTION

SCHOLASTIC REQUIREMENTS AND STANDARDS

ACADEMIC COUNSEL

Students are urged to make full use of the Academic Advisory Service of the college. Academic guidance is not only available from an assigned academic adviser, but also from instructors, student's department chairman, and the Deans of Academic Affairs. Regular faculty office hours are scheduled for this purpose.

A student should make his choice of curriculum with care. Information regarding the various fields of study offered at Mansfield may be obtained by writing the Director of Admissions before enrollment. Since many students will undertake graduate study after completing their initial college preparation, they should confer with the Director of Admissions regarding areas of specialization. Areas of specialization should be programmed through the student's department chairman prior to matriculation or as quickly as possible after beginning matriculation. After a student has chosen a curriculum and an area of specialization, a period of two semesters must elapse before changes may be made. Unusual or mitigating circumstances may alter this policy if the student gains permission to change curriculum during preregistration.

MARKING AND POINT SYSTEMS

Mansfield employs the following systems in grading academic performance:

Grade	Interpretation	Quality Points
A	Superior	4
B	Excellent	3
C	Average	2
D	Passing	1
E	Incomplete	
F	Failure	0

In addition to letter grades, the following designations are used in special situations:

W — Withdrew from course with approval of Dean of Academic Affairs
S — Satisfactory
U — Unsatisfactory
Ex — Credit by Examination
Aud — Audited

Instructors may correlate percentage scores with letter grades. For such correlations the following list of equivalents is presented as a guide: A = 90-100; B = 80-89; C = 70-79; D = 60-69; F = Below 59.

The academic standing of a student in every subject is reported at the close of each semester. **The quality point average** is an index to the

over-all quality of a student's academic work and represents his academic standing. The average is determined by dividing the sums of the quality points earned by the number of semester hours of work attempted.

An "F" grade in a required course must be cleared by repeating the course. Students who have received permission from their department chairman to repeat a "D" grade should receive credit for the highest grade achieved. Not more than one "D" grade may be repeated per semester and it is strongly recommended that these repeat courses be scheduled for summer session.

An "E" (incomplete) grade is used to denote unfinished work because of death in the family, personal illness, accident, induction into military service, or other mitigating circumstances. The student is responsible for the removal of an "E" grade within a period of three weeks following the semester in which the "E" grade was recorded except in cases where mitigating circumstances prevail. These cases are reported to the Office of the Assistant Dean of Academic Affairs for final approval. If the "E" grade is not cleared either by a change of grade or cleared as a mitigating circumstance, the registrar shall record it as an "F" grade. In cases involving an "E" grade, the student should report his case to the instructor involved so that notification of reasons for giving an "E" grade can be recorded on the instructor's grade report.

ACADEMIC STANDING

To remain in satisfactory standing a student must maintain a cumulative quality point average of 2.00 or better. A student whose over-all quality point average falls below 2.00 at the end of a semester will be placed on academic probation and his continued matriculation will be governed by credits earned and the corresponding quality point average required as shown by the following outline:

0 - 18 credits	1.40 or better to continue matriculation
19 - 31 credits	1.70 or better to continue matriculation
32 - 47 credits	1.80 or better to continue matriculation
48 - 63 credits	1.90 or better to continue matriculation
64 - beyond	2.00 or better to continue matriculation

Any student whose quality point average remains below the required point average as outlined will be automatically dismissed from the college. One calendar year must elapse before a student who has been dismissed for academic deficiency may be considered for reinstatement by the Committee on Admissions by following the regular academic procedure.

Any student dismissed for academic reasons for a second time automatically terminates his college career at Mansfield State College.

CLASS STATUS

Class status is determined by the total semester hours successfully completed, including acceptable credits transferred from another college.

Credits	Class Status
0 - 31	Freshman
32 - 63	Sophomore
64 - 95	Junior
96 - or more	Senior
Special	Those who are not working on a degree program or not classified for other reasons

JUNIOR CLASS STANDING

At the end of the Sophomore year a student must achieve junior class standing for which the following requirement must be achieved:

A minimal 64 semester hours of credit with a quality point average of 2.00 or better.

No student may be assigned to student teaching without having achieved junior class standing. Additional requirements may be stipulated by specific departments. These specific requirements must be approved by the Academic Standards Committee.

CREDIT HOURS SCHEDULES

From 10 to 18 semester hours constitute a normal student class schedule. A student desiring to carry more than 18 semester hours must obtain permission from his department chairman. Such permission will

be guided by the student's academic standing as listed on the following outline:

Credits	Quality Point Average
19	2.60 or above
20	3.00 or above

DEAN'S LIST AND HONOR ROLL

The Dean's List, issued after the close of each semester, contains the names of those students who have earned an average of 3.50 or higher for the semester.

Superior scholastic achievement is recognized by means of the college honor roll. Such recognition becomes a permanent part of every graduating senior's record, with designations based upon cumulative point averages as indicated.

Honors	3.35 to 3.64
High Honors	3.65 to 3.94
Highest Honors	3.95 to 4.00

CREDIT BY EXAMINATION

A student in good academic standing may request permission to take a comprehensive examination in a particular course offered by the college. All requests for credit by examination must be made to the department chairman involved and reviewed by the Dean of Academic Affairs. A student must present evidence that he is sufficiently competent to warrant the examination. If the request is approved, the student will register for the course by the normal procedure used for all courses. The semester hours of credit earned by examination will apply toward graduation requirements.

ADVANCED PLACEMENT PROGRAM

Courses taken before admission to college under the Advanced Placement Program conducted by the Educational Testing Service, Princeton, New Jersey, may be applied toward graduation requirements by students who are admitted to college to pursue one or more semester's work. To secure such credit the student must make formal application to the Office of the Dean of Academic Affairs. The course must satisfy college requirements and the score on the Educational Testing examination must be satisfactory to college officials. If the request for advanced placement is approved, the student will register for the course and pay the established fee. Not more than twelve (12) credits earned by such examination may be applied toward graduation requirements.

ADVANCED STANDING CREDIT FROM OTHER COLLEGES

Students wishing to transfer to Mansfield from other colleges should apply to the Director of Admissions. An applicant for transfer must provide a statement of honorable withdrawal and an official transcript of his previous college record, and must meet the same entrance require-

ments as any other applicant. Advanced standing credit will be given for equivalent courses completed in approved institutions of collegiate status, but only courses completed with a grade at least one grade above the lowest passing grade will be accepted for credit.

A minimum residence of one year is mandatory for a degree or for the completion of certification requirements. The college prefers that the residence of one year or 32 semester hours of credit be taken on campus the year of graduation. Mansfield State College does not allow credit for courses taken through correspondence. Students admitted by special arrangement may complete 16 semester hours of work at Mansfield State College prior to formal admission to a degree program. In order to obtain degree credit for such pre-admission courses, a minimum grade of "C" must be attained.

CREDIT FOR MILITARY SERVICE

Veterans with a minimum of eighteen months of honorable service in the United States Army, Navy, Marine Corps, and Air Force, may apply to the Dean of Academic Affairs for credit in HPE 100 (Health) and HPE 101-104 (Physical Education).

ABSENCE POLICY

Careful preparation of assignments, regular class attendance, and attendance at college lectures are factors that contribute to high standing. Regular and punctual class attendance is expected of all students at all times. A student cannot reap the full benefits of instruction when absent. Lowering of scholastic standing, failure, and dismissal are penalties suffered by students who are excessively absent.

The following policies concerning absence have been adopted:

1. Instructors will report to the dean of men or women (as appropriate) three successive absences on the part of any student.

2. Absences for illness, emergencies, or for college representation will be considered authorized absences by instructors; therefore, students should present to their instructors a doctor's or college nurse's illness slip in case of sickness or a statement from the Personnel Dean in case of emergency. Students representing the college in a college activity should check to make certain that their names are included in the list of participants published by the Office of the Dean of Student Affairs.

   The office of the Dean of Student Affairs will submit to all instructors an initial list of names of individuals who, because of college representation, will be absent from class. After the event, a definite list of the students who actually participated in each event will be supplied by the department concerned, so that an accurate student accounting can be

kept. These lists will serve as a guide for the instructor in his evaluation of an absence.

3. Students are responsible directly to their instructors for class and laboratory attendance, and absences must be made up to the satisfaction of the instructor.

WITHDRAWAL FROM A COURSE

Withdrawal from a course is permitted only for justifiable reasons, and with the approval of both department chairman and Dean of Academic Affairs.

No notation of a course dropped will appear on the student's permanent record if he withdraws (a) during the first three weeks of the semester, or (b) during the first week of a six-week summer session. Withdrawal from a course after the period specified will not be approved except for adequate cause.

A student will receive an "F" in any course from which he withdraws without approval.

The following procedure is required for withdrawal from a course:

1. The student procures the necessary "drop" form in the office of the Dean of Academic Affairs.
2. He submits this form to his instructor and his department chairman for approval, which will be indicated by their signatures and any comment added to the form.
3. The department chairman, after making the necessary changes in department records, transmits the "drop" form directly to the office of the Dean of Academic Affairs for final processing.

The same procedure is followed when a student wishes to add a course in place of a course dropped, except that he must also obtain the signed approval of the instructor of the course in which he wishes to enroll. Such substitution will not, however, be permitted at any time when there is reason to believe that the student cannot make up the work missed in the course he wishes to substitute.

CHANGE IN CURRICULUM

Student changes in curriculum or areas of specialization for freshmen are pre-designated in the admissions procedure. Upperclassmen are required to make curriculum or areas of specialization changes one week prior to preregistration dates for any semester. A student desiring to change his curriculum should: first consult his department chairman and receive his approval for withdrawal on the designated form; secondly consult with the department chairman involved and receive his approval for entrance into the curriculum of his choice and finally, present the change of curriculum forms, which include his parents' approval, to the office of the Dean of Academic Affairs for final approval.

WITHDRAWAL FROM COLLEGE

Students who wish to withdraw must notify the Dean of Student Affairs who provides the student with a withdrawal form which, when completed, clears the student for formal withdrawal.

Withdrawal without proper notification and approval will prejudice a student's record and his chance for future readmission. The college reserves the right to record "F" grades for such course not completed during the semester in which the student has improperly withdrawn.

READMISSION OF FORMER STUDENTS AND MAINTENANCE OF MATRICULATION

All former students excepting those in continuing education who have not been in regular attendance during the academic year — Fall and Spring semesters — must be readmitted to the college. Request for readmission should be directed to the Admissions Office. Teachers-in-service who have been attending summer sessions pursuing degree requirements are considered continuing education students. Continuing education students should complete a minimum of six (6) semester hours of acceptable course work each year to remain in the category of continuing education. These credits may be taken in residence or as transfer courses to maintain their matriculation. The academic year is from September first to August thirty-first.

SPECIAL STUDENTS

Special students are those who fall into any of the following categories:

1. Matriculating
   a. Continuing Education — In-service teachers working toward a degree
   b. Part-time — a student carrying less than a full load.
2. Non-Matriculating
   a. Continuing Education — In-service teachers working toward certification or extension of certification, permanent certification, and enrichment purposes
   b. Undergraduate High School Honor Students — High School students in upper quarter of academic section who have recommendation from principal or guidance counselor to take advanced work for college credit
   c. Undergraduate college students — Students taking courses at Mansfield State College for transfer to another college.

PROGRAMS OF INSTRUCTION

BASIC FEATURES OF THE INSTRUCTIONAL PROGRAM

The following curricula represent a threefold aim: (a) to provide students with a more firmly based liberal education, (b) to strengthen preparation in subject fields, and (c) promote a more vigorous and disciplined intellectual life. Courses in every curriculum encompass three main divisions: general education, professional education, and area of specialized study, representing together a minimum total of 128 semester hours for graduation.

All degree students are required to complete at least 60 semester hours of courses in general education as a principal integrative factor in their academic experience. It is here that they share the common values of our society in studies designed to broaden their intellectual horizon and to enhance their cultural life. Accordingly, a major part of the schedule of required general education courses is common to all the curricula offered.

GENERAL EDUCATION COURSES COMMON TO ALL CURRICULA*

47 Semester Hours

			S.H.
HUMANITIES (19 Semester Hours)			
Eng	101	English I	3
Eng	102	English II	3
Spc	101	Fundamentals of Speech	3
Eng	110	Literature of the Western World I	3
Eng	111	Literature of the Western World II	3
Art	101	Introduction to Art	2
Mus	101	Introduction to Music	2
NATURAL SCIENCES (11 Semester Hours)			
Ma	101	Fundamental Concepts in Mathematics I	3
Bio	101	Man and the Biological World	4
Phys	101	Man and the Physical Universe	4
SOCIAL SCIENCES (12 Semester Hours)			
Hist	101	World Civilization I	3
Hist	102	World Civilization II	3
Hist	103	History of the U. S. and Penna. I	3
Hist	104	History of the U. S. and Penna. II	3
HUMAN DEVELOPMENT AND BEHAVIOR (5 Semester Hours)			
Psy	101	General Psychology	3
HPE	100	Health (Personal and Community)	1
HPE	101-104	Physical Education	1

RESTRICTED GENERAL EDUCATION ELECTIVES

General Education electives to complete the total of 60 semester hours will be confined to courses that are consonant with the objectives

*Except for variations of substitutions specified in programs for certain departments, as indicated in course sequences.

defined above. They include courses specified or recommended by each department, as well as courses chosen by students themselves. To complete this phase of the curriculum, most programs of study include modern foreign languages and an introductory course in philosophy, as indicated in sequences which follow.

SUBSTITUTIONS IN GENERAL EDUCATION

As determined by a screening committee in the subject area concerned, and with the confirmation of the Dean of Academic Affairs, a student properly qualified by advanced standing may be exempt from an otherwise required General Education course, and he may elect instead a more advanced or suitable course in the same field. The course substituted should be so designated in the student's record.

PROFESSIONAL EDUCATION IN TEACHER EDUCATION

The professional education courses in the Teacher Education program represent a basic core of 20 semester hours of courses which include: Student Teaching, Educational Psychology, Audio-Visual Communication, and History and Philosophy of Education. Additional professional education courses are required by department advisement and generally include methods, problems, practicum, and technique courses.

HONORS PROGRAM

Through the honors program a student at Mansfield with an outstanding academic record is given an opportunity to pursue advanced individual study and research in his major course area, and to extend the scope of his work beyond the limits of a parallel course.

1. In order to be considered for honors work, a student must have attained an over-all scholastic average of at least 2.8.

2. A petition for honors work must be submitted in writing by the student to the chairman of the major department in which he is enrolled. Such petition must be received by the chairman during the semester preceding the period in which the student plans to pursue honors work. The petition forms may be secured from the office of the Dean of Academic Affairs.

3. Students petitioning for honors courses will be screened for approval by the department chairman on the following points:
   a. Over-all scholastic accomplishment,
   b. Effectiveness in written and oral expression,
   c. Ability to perform independent study and research under close supervision.

4. Honors work will not constitute more than three semester hours of course credit per semester, and a total not exceeding twelve semester hours of credit toward the major field.

5. Honors work must meet high standards of scholarship. At least a "B" grade must be earned under rigorous standards for such work to receive credit as an honors course.

6. After an adviser from the student's major department has been selected to guide his honors program, they will together organize the work of the student's junior and senior years into a unified program.

7. Honors work will not take the place of regularly offered college course work, but will consist of work in phases of study not usually offered in the student's major field.

8. A student may be dropped from the honors program for the following reasons:
   a. Failure to achieve a Quality Point Average of 2.5 for course work taken in the semester during which honors are taken,
   b. Failure to produce scholarly work (as defined in 5, above),
   c. Special circumstances (e.g., poor health) by mutual agreement of student and adviser.

9. Students withdrawing from the honors program after the completion of more than one semester of work will receive credit for work already accomplished, as determined jointly by the honors adviser, the department chairman and the Dean of Academic Affairs.

10. On the student's record, honors courses will be listed as Honors I, Honors II, Honors III, and Honors IV, with a further designation appropriate to the nature of the study pursued: e.g., Honors I (Naturalism in the Novels of Frank Norris) or Honors II (Problems in Economic Geography).

ACCELERATED PROGRAMS

Students in good standing who wish to complete their work for a degree in less than the customary four years may do so by attending summer sessions. Courses for accelerating students are regularly scheduled during the summer. Those planning to obtain a degree in three years should confer in their first year with their department chairmen for special advice and schedule of studies.

STUDENT TEACHING

Student teaching is considered to be one of the most essential phases of teacher preparation. At Mansfield this experience covers a full-time

assignment for one semester and takes place in the student's senior year. Student teaching is conducted under the guidance of master teachers in cooperating elementary and secondary schools of the area and college supervisors. Learning about proper professional attitudes, legal requirements, pupil records, extra-class responsibilities, classroom techniques as well as community relationships are included in this experience. All student teaching assignments follow a calendar established by the college for student teaching.

Assignments to student teaching are made with joint approval of the Departmental Chairman, The Dean of Teacher Education, and the Director of Student Teaching. No student is eligible for assignment who has failed to achieve an over-all 2.00 quality point average and a 2.00 average in any field in which he is to be certified.

Credit for student teaching will not be granted for prior teaching experience. Students should consult their departmental chairman or the Director of Student Teaching concerning questions related to student teaching.

CURRICULA

Mansfield State College offers the following undergraduate curricula:

A. TEACHER EDUCATION

1. Elementary Education
   (Special Education for the Mentally Retarded)
2. Secondary Education, comprising majors in the academic subjects taught in secondary schools
3. Art Education
4. Home Economics Education
5. Library Education
6. Music Education
7. Public School Dental Hygienists
8. Public School Nursing

B. ARTS and SCIENCES

1. Humanities
2. Natural Sciences
3. Social Sciences

Courses in "Safety Education" known also as "driver training," do not constitute a curriculum, but may be taken for certification by students in any of the major fields. Consult the Chairman, Department of Health and Physical Education, for further information on this program.

Sequence of courses is subject to change for administrative reasons.

TEACHER EDUCATION

More than one hundred years ago Mansfield was designated as a school to prepare teachers. Today, although it has assumed new responsibilities as a multipurpose college, Mansfield continues its emphasis on teacher education. It offers to prospective teachers diversified and well-developed degree programs leading to certification in Elementary Education, Secondary Education, Music Education, Home Economics Education, and Library Education. In addition to the degree programs of study Mansfield offers programs in Public School Nursing, Dental Hygiene, Safety Education, and Teaching of the Mentally Retarded.

The teacher education program consists of three elements which are integrated so that the student achieves comprehensive preparation for the art of teaching. These are general education, professional education, and specialization in the subject matter of the student's field.

Mansfield offers also graduate studies leading to the Masters Degree in Elementary Education and Music Education.

ELEMENTARY EDUCATION CURRICULUM

ELEMENTARY AREA PROGRAM (26 Semester Hours)

				*C.H.	S.H.
Ed El		250	Child Development	3	3
Ed El		260	Children's Literature	3	3
Ed El	(Mus)	280	Music for Elementary Grades	2	1
Ed El	(Mus)	281	Teaching Music in the Elementary Grades	3	2
Ed El	(Art)	282	Teaching Art in the Elementary Grades	5	3
Ed El		283	Teaching of Reading	3	3
Ed El		284	Teaching of Arithmetic	3	3
Ed El		285	Methods I and Participation (Language, Health, Physical Education)	4	4
Ed El		286	Methods II and Participation (Social Studies and Science)	4	4

ELECTIVES FOR ELEMENTARY MAJORS (18 Semester Hours)

Electives organized for concentration in specific fields, such as English, social sciences, modern foreign languages, etc.

SEMESTER SCHEDULE

First

	S.H.
Or 100 Orientation	0
Eng 101 English I	3
Hist 101 World Civil I	3
Bio 101 Man and the Bio World	4
HPE 100 Health	1
HPE 101 Physical Ed I	0
Gen Educ Elect	3
Ma 101 Fund Con Math I or Spc 101 Fund of Speech	3
	17

Second

	S.H.
Eng 102 English II	3
Hist 102 World Civil II	3
Geog 202 Cultural Geog	3
Ed El 280 Music for El. Grs.	1
HPE 102 Physical Ed II	0
Gen Educ Elect	3
Ma 101 Fund Con Math I or Spc 101 Fund of Speech	3
	16

*Clock Hours or number of 50-minute class sessions per week.

Third

Eng 110 Lit Western Wld I	3
Hist 103 Hist U. S. & Pa. I	3
Phys 111 Phys Sci for Elem Teachers I	3
Psy 101 Gen Psychology	3
Ed El (Mus) 281 Tchg Mus in El. Grs.	2
HPE 103 Physical Ed III	0
Art 101 Intro to Art or Mus 101 Intro to Music	2
	16

Fourth

Eng 111 Lit Western Wld. II	3
Hist 104 Hist U.S. & Pa. II	3
Phys 112 Phys Sci for Elem Teachers II	3
Psy 201 Educ Psychology	3
HPE 104 Physical Ed. IV	1
Area Elective	3
Art 101 Intro to Art or Mus 101 Intro to Music	2
	18

Fifth*

Ed El 285 Methods I	4
Ed El 283 Tchg Reading	3
Ed El (Art) 282 Tchg Art in El Grs	3
Area Electives	6
	16

Sixth*

Ed El 286 Methods II	4
Ed El 284 Tchg Arithmetic	3
Ed El 250 Child Development	3
Ed 215 Audio-Vis Comm	2
Bio 275 Bio Lab Tech for Elem Sciences	2
Area Electives	3
	17

* The fifth and sixth semesters should be alternated.

Seventh**		S.H.	Eighth**		S.H.
Ed 202	Eval Techniques	2	Ed 400	Student Teaching	12
Ed 230	Hist & Philos Ed	3			
Ed El 260	Children's Lit	3			
Ed El 401	Prof Seminar (Elem) Incl School Law	2			
	Area Electives	6			
		16			12

**The seventh and eighth semesters should be alternated.

TOTAL SEMESTER HOURS 128

SPECIAL EDUCATION FOR THE MENTALLY RETARDED

The Special Education Curriculum is a division of the Department of Education at Mansfield State College. The Special Education program offers qualified students an opportunity to be educated as teachers in special classes for the mentally retarded (educable and trainable). This program, in conjunction with the Elementary Teacher Education program, is designed to qualify teachers for a Comprehensive Certificate in Elementary Education plus the Education of the Mentally Retarded. In essence, the student majors in Elementary Education and has an Area of Concentration in Special Education for the Mentally Retarded with dual certification upon successful completion of this program.

Special Education courses are scheduled to enable students to take an exploratory course and begin the program during their sophomore year. Students interested in specializing in the Education of the Mentally Retarded should confer with the Director of Special Education in order to secure approval to start the course sequence.

This curriculum includes experiences which develop understandings, skills, and attitudes needed in appraising the nature and origin of learning disabilities in retarded children. Intensive consideration is also given to the types of school adjustments that are necessary to effectively educate these children. To enhance the theoretical phases of the curriculum provisions are included for students concentrating in Special Education for the Mentally Retarded to get observation and experience in the following Special Education settings:

Tioga County area special classes

Martha Lloyd School, Troy, Pa.

Laurelton State School and Hospital, Laurelton, Pa.

Selinsgrove State School and Hospital, Selinsgrove, Pa.

SEMESTER SCHEDULE

First		S.H.	Second		S.H.
Psy 101	General Psych (Taken as required Gen Ed course)	3	Psy 201	Educ Psych (Taken as required Prof Ed course)	3

Third		S.H.	Fourth		S.H.
*Ed 320	Education of the Except Child	3	*Art 343	Arts and Crafts in Spec Ed Curric I	3
	Elective (see elective list below)	3			
Fifth			**Sixth**		
*Ed 322	Psychology of the Mentally Retarded	3	*Ed 323	Methods for Tchg Retarded Children	3
Seventh			**Eighth**		
*Ed 324	Curric Development for the Mentally Retarded	3	**Ed 400	Student Teaching with the Mentally Retarded	6

* Required Special Education courses.

**Student teaching of six semester hours in Special Education will be required as part of the total college requirement of twelve.

It is required that students follow this program and strongly recommended that those so doing elect at least one of the following courses:

			S.H.
Psy	312	Abnormal Psychology	3
Psy	311	Mental Health	3
Ed	321	Psychology of Exceptional Children	3
Ed El	325	Diagnostic and Remedial Reading	3
Ed	330	Guidance and Counseling Techniques	3

Secondary major students interested in this field **must** select, in addition to the required courses basic to the Education of the Mentally Retarded and the regular requirements in the Secondary field, the following courses:

			S.H.
Ed El	283	Teaching of Reading in the Elementary School	3
Ed El	284	Teaching of Arithmetic	3
			6

SECONDARY EDUCATION CURRICULUM

Schedules for major areas in the secondary curriculum are given under each department as indicated below:

ENGLISH AND SPEECH DEPARTMENT

FOREIGN LANGUAGE DEPARTMENT

MATHEMATICS DEPARTMENT

SCIENCE DEPARTMENT

- **Biology**
- **Chemistry**
- **Earth and Space Science**
- **Physics**

SOCIAL SCIENCE DEPARTMENT

- **Geography**
- **History**
- **Social Studies**

SECOND FIELD OF SPECIALIZATION

The new regulations of the State Department of Public Instruction (effective October 1, 1963) have eliminated certification in minor fields as such. However, attention is called to the following statement in the DPI directive of May 1959:

> A holder of a provisional college certificate may be granted a temporary certificate to teach additional academic subjects provided the individual has completed eighteen semester hours in the subject for which the temporary certificate may be issued. The temporary certificate may be granted at the request of an administrative official in the school district for a period not to exceed three years. Before the academic subject or subjects listed on the temporary certificate can be made a part of a provisional or permanent certificate, the eighteen semester hours shall be increased to the number of semester hours required for the subject field.

In view of this stipulation, students may be permitted, when possible, to accumulate a minimum of 18 semester hours in a second field, thus anticipating post-baccalaureate work leading to provisional or permanent certification in that field. Such second-field concentration is, of course, more feasible in certain areas than in others. For example, by taking six additional semester hours of a foreign language beyond the 12 for which, normally, there is room in his program, an English major could accumulate the basis for eventual certification in that area. Similarly, areas of emphasis may be developed in such combinations as social studies and geography, or English and speech. It should be noted, however, that not all programs permit of such extension into a second field of emphasis.

ENGLISH AND SPEECH DEPARTMENT

ENGLISH EDUCATION MAJOR

AREA OF SPECIALIZATION (36 Semester Hours)		C.H.	S.H.
Eng 200	Survey of English Literature I	3	3
Eng 201	Survey of English Literature II	3	3
Eng 202	Survey of American Literature I	3	3
Eng 203	Survey of American Literature II	3	3
Eng 225	English Philology and Grammar	3	3
Eng 235	Advanced Composition	3	3
Eng 250	or 251 Shakespeare	3	3
	English Electives		15
			36

SEMESTER SCHEDULE

	First	S.H.		Second	S.H.
Or 100	Orientation	0	Eng 102	English II	3
Eng 101	English I	3	Ma 101	Fund Conc Math I	3
Spc 101	Fund of Speech	3	Hist 102	World Civil II	3
Hist 101	World Civil I	3	Eng 225	English Philology and Grammar	3
Bio 101	Man and Bio World	4		Foreign Language (required)	3
	*Foreign Language (required)	3	HPE 100	Health	1
HPE 101	Physical Ed I	0	HPE 102	Physical Educ II	0
		16			16

* Level of language placement will be determined by an oral and written test.

Third			Fourth		
Eng 110	Lit of Western Wld I	3	Eng 201	Surv Eng Lit II	3
	Foreign Language (required)	3		Foreign Language (required)	3
Hist 103	Hist of U.S. & Pa. I	3	Hist 104	Hist of U.S. & Pa. II	3
Phys 101	Man & Phys Univ	4	Mus 101	Intro to Music	2
Art 101	Intro to Art	2		English Elective	3
Eng 200	Surv of Eng Lit I	3		Gen Educ Elective	3
HPE 103	Physical Educ III	0	HPE 104	Physical Educ IV	1
		18			18

Fifth			Sixth		
Psy 101	Gen Psychology	3	Psy 201	Educ Psychology	3
Hist 361	Hist of England	3	Ed 240	Prob of Second Ed Incl School Law	2
Eng 202	Surv of Amer Lit I	3	Phil 201	Intro to Philosophy I	3
Eng 235	Advanced Composition	3	Eng 203	Surv of Amer Lit II	3
Eng 250	or 251 Shakespeare	3	Eng 290	Tchg English in Sec Sch	3
	English Electives	3		English Elective	3
		18			17

Seventh**			Eighth**		
Ed 202	Eval Techniques	2	Ed 400	Student Teaching	12
Ed 215	Audio-Visual Comm	2			
Ed 230	Hist and Philos of Education	3			
Ed 402	Prof Seminar and Tchg Rdg in Second Sch	2			
	English Electives	6			
		15			12

TOTAL SEMESTER HOURS 130

**Should be alternated.

SPEECH AND DRAMA EDUCATION MAJOR

AREA OF SPECIALIZATION (25 Semester Hours)		C.H.	S.H.
Spc 200	Oral Interpretation	3	3
Spc 210	Phonetics and Voice	3	3
Spc 225	Advanced Public Speaking	3	3
Spc 250	Play Production	3	3
Spc 270	Discussion, Debate and Parliamentary Procedure	3	3
	Speech and Drama Electives		10
			25

A second area of concentration or further work in Speech and Drama 9

SEMESTER SCHEDULE

First		S.H.	Second		S.H.
Or 100	Orientation	0	Eng 102	English II	3
Eng 101	English I	3	Hist 102	World Civil II	3
Bio 101	Man and Bio World	4	Ma 101	Fund Concepts of Math I	3
Hist 101	World Civil I	3	Mus 101	Intro to Music	2
Spc 101	Fund of Speech	3	Spc 250	Play Production	3
	*Foreign Lang Elect	3		Foreign Lang Elect	3
HPE 101	Physical Educ I	0	HPE 100	Health	1
		16	HPE 102	Physical Educ II	0
					18

* Level of language placement will be determined by an oral and written test.

Third		S.H.
Eng 110	Lit of Western Wld I	3
Hist 103	Hist of U.S. & Pa. I	3
Art 101	Intro to Art	2
Spc 200	Oral Interpretation	3
	Speech and Drama Elect	4
HPE 103	Physical Educ III	0
		15

Fourth		S.H.
Eng 111	Lit of Western Wld II	3
Hist 104	Hist of U.S. & Pa. II	3
Phys 101	Man and Phys Univ	4
Spc 210	Phonetics and Voice	3
	Speech and Drama Elect	3
HPE 104	Physical Educ IV	1
		17

Fifth		
Psy 101	Gen Psychology	3
Hist 361	History of England	3
Spc 270	Discussion, Debate and Parl Procedure	3
	Gen Educ Electives	6
		15

Sixth		
Psy 201	Educ Psychology	3
Ed 240	Prob of Second Educ Incl School Law	2
Phil 201	Intro to Philos. I	3
Spc 290	Tchg. Speech and Drama in Second School	3
Spc 225	Advanced Public Speaking	3
	Second Area Elective	3
		17

Seventh*		
Ed 202	Eval Techniques	2
Ed 215	Audio-Visual Comm	2
Ed 230	Hist and Philos of Education	3
Ed 402	Prof Seminar and Tchg Rdg in Second Sch	2
	Speech and Drama Elec	3
	Second Area Electives	6
		18

Eighth*		
Ed 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 128

*Should be alternated.

FOREIGN LANGUAGE DEPARTMENT

MODERN FOREIGN LANGUAGE MAJOR

FIRST AREA OF SPECIALIZATION (24 Semester Hours)* **

		C.H.	S.H.
201	Intermediate (French, German, Spanish)	3	3
202	Intermediate (French, German, Spanish)	3	3
301	Survey of Lit (French, German, Spanish)	3	3
302	Survey of Lit (French, German, Spanish)	3	3
305	Conversational (French, German, Spanish)	3	3
225	Applied Linguistics (French, German, Spanish)	3	3
	Literature Electives (French, German, Spanish)		6
			24

* Effective for entering Freshmen (1968-69): 30 Semester Hours

**See Modern Foreign Language entrance requirement under "Requirements for Admission."

SECOND AREA OF SPECIALIZATION (15 Semester Hours)

Electives in Second Area of Specialization 15

A FOREIGN LANGUAGE MAJOR OR SECOND AREA OF CONCENTRATION

1. A language major requires 24 semester hours beyond the introductory courses numbered 101 and 102.
2. All majors must elect English 225—**English Philology and Grammar.**
3. A major in a given language requires 24 hours of courses in that language which must include: 225, 301, 302, and 305.
4. A minor in a given language requires 18 hours of courses in that language which must include: 225 and 305. In case of conflict, a student may substitute for 305, a 300 literature course with the approval of the department chairman.
5. The study of a language will begin on a level determined by proficiency achieved on oral and written test.
6. For teacher certification in the State of Pennsylvania all language majors must take and pass the MLA Language Proficiency Test. Language majors are urged to take the test in the second semester of their junior year. Full details pertaining to this special test may be had from the Foreign Language Department.
7. Those seeking a Comprehensive Foreign Language Certificate must fulfill the major requirements as shown, plus taking 12 hours in a second language which must include 225 and 305. Credit must be received for 101 and 102 in this second language (subject to restrictions of prior preparation), but in this case, such students must take a total of 18 hours of work within the elected second language. In short, students commencing the study of a second language in a 201 area, or above, need only 12 additional hours; all others must have a total of 18 hours in the second language.
8. Education course 290 — **Teaching of Foreign Language** — must be completed in any language taken as a major field. This course is not considered part of the 24 semester hours required in the major language field. It is evaluated as a requirement under the Professional Program.

MODERN FOREIGN LANGUAGE MAJOR

SEMESTER SCHEDULE

First		S.H.	Second		S.H.
Or 100	Orientation	0	Eng 102	English II	3
Eng 101	English I	3	Hist 102	World Civil II	3
Hist 101	World Civil I	3	Bio 101	Man and Bio World	4
Ma 101	Func Concepts Math I	3	Spc 101	Fund of Speech	3
Art 101	Intro to Art	2	HPE 100	Health	1
Mus 101	Intro to Music	2	HPE 102	Physical Ed II	0
HPE 101	Physical Ed I	0		Language Elective	3
	Language Elective	3			
		16			17

Third		S.H.
Eng 110	Lit of Western Wld I	3
Phys 101	Man and Phys Univ	4
Hist 103	Hist U.S. & Pa. I	3
HPE 103	Physical Ed III	0
	Language Elective	
	Gen Educ Elec	3
		16

Fourth		S.H.
Eng 111	Lit of Western Wld II	3
Hist 104	Hist of U.S. & Pa. II	3
HPE 104	Physical Ed IV	1
	Language Elective	3
	Gen Educ Elective	6
		16

Fifth		
Psy 101	Gen Psychology	3
Eng 225	English Philology and Grammar	3
225	Applied Linguistics (Fr., Ger., Span.)	3
	Language Elective	3
	Gen Educ Elective	3
	Second Area Elective	3
		18

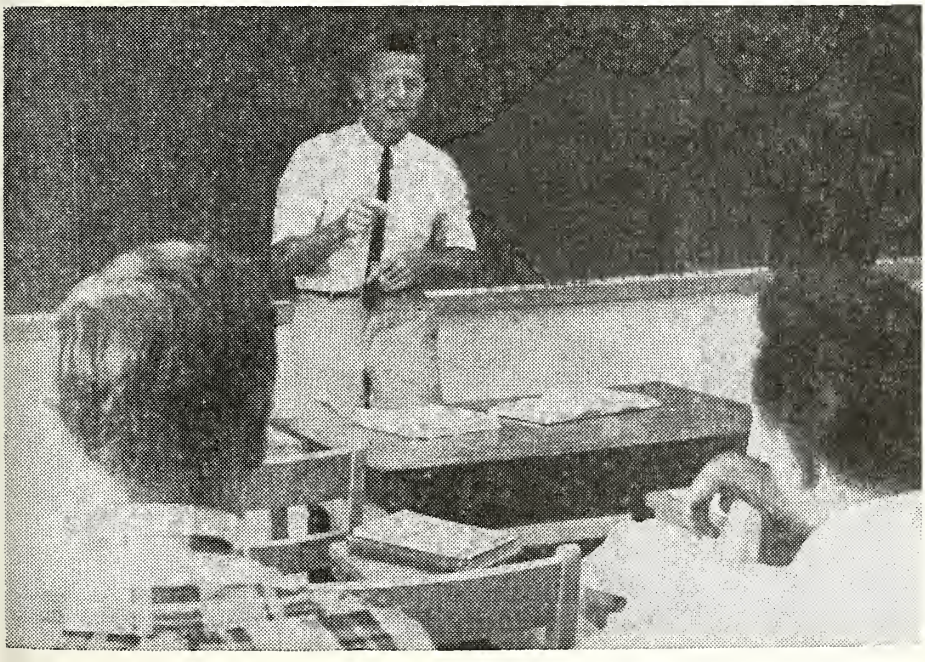
Sixth		
Psy 201	Educ Psychology	3
Ed 240	Prob of Second Educ Incl School Law	2
290	The Teaching of (Fr., Ger., Span.)	3
	Language Elective	3
	Second Area Electives	6
		17

Seventh*		
Ed 202	Eval Techniques	2
Ed 215	Audio-Visual Comm	2
Ed 230	Hist and Philos of Education	3
Ed 402	Prof Seminar and Tchg Rdg in Second Sch	2
	Language Elective	3
	Second Area Electives	6
		18

Eighth*		
Ed 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 130

*Should be alternated



MATHEMATICS DEPARTMENT

AREA OF SPECIALIZATION (42 Semester Hours)			C.H.	S.H.
Ma*	210	Analytic Geometry and Calculus I	3	3
Ma	211	Analytic Geometry and Calculus II	3	3
Ma	212	Analytic Geometry and Calculus III	3	3
Ma	213	Analytic Geometry and Calculus IV	3	3
Ma	215	Differential Equations	3	3
Ma	220	Linear Algebra and Matrix Theory	3	3
Ma	221	Modern Algebra I	3	3
Ma	230	Modern Geometry	3	3
Ma	250	Probability and Statistics I	3	3
		Mathematics Electives		6
		Electives (Mathematics or Science)		9
				42

SEMESTER SCHEDULE

First

		S.H.
Or 100	Orientation	0
Eng 101	English I	3
Spc 101	Fund of Speech	3
Hist 101	World Civil I	3
Psy 101	Gen Psychology	3
Ma* 210	Anal Geom & Calc I	3
Mus 101	Intro to Music	2
HPE 101	Physical Educ I	0
		17

Second

		S.H.
Eng 102	English II	3
Hist 102	World Civil II	3
Bio 101	Man and Bio World	4
Psy 201	Educ Psychology	3
Ma 211	Anal Geom & Calc II	3
HPE 100	Health	1
HPE 102	Physical Educ II	0
		17

Third

Hist 103	Hist U.S. & Pa. I	3
Phys 201	Gen Physics I	4
Ma 212	Anal Geom & Calc III	3
Ma 250	Prob & Statistics I	3
HPE 103	Physical Ed III	0
	Gen Educ Elective	3
		16

Fourth

Hist 104	Hist U.S. & Pa. II	3
Ma 213	Anal Geom & Calc IV	3
Ma 215	Diff Equations	3
Phys 202	Gen Physics II	4
HPE 104	Physical Ed IV	1
	Gen Educ Elective	3
		17

Fifth

Eng 110	Lit of Western Wld I	3
Ed 215	Audio-Visual Comm	2
Ma 221	Modern Algebra I	3
Ma 230	Modern Geometry	3
Ma 270	Hist & Philos Math	3
	Gen Educ Elective	3
		17

Sixth

Eng 111	Lit of Western Wld II	3
Art 101	Intro to Art	2
Ma 220	Linear Algebra & Matrix Theory	3
Ma 290	Tchg Math in Secondary Schools	2
	Math Elective	3
	Math or Science Elect	3
		16

Seventh**

Ed 230	Hist & Philos Educ	3
Ed 240	Prob of Second Ed Incl School Law	2
Ed 402	Prof Seminar and Tchg Rdg in Second Sch	2
	Math Elective	3
	Math or Science Elects	6
		16

Eighth**

Ed 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 128

* If preparation in algebra and trigonometry is not adequate to permit student to proceed immediately to Ma 210, he must complete Ma 100 in addition to the course listed.
**Should be alternated.

SCIENCE DEPARTMENT

BIOLOGY MAJOR

AREA OF SPECIALIZATION (42 Semester Hours)

			C.H.	S.H.
Bio	201	Zoology I	6	4
Bio	202	Zoology II	6	4
Bio	203	Botany I	6	4
Bio	204	Botany II	6	4
Chem	201	General Chemistry I	6	4
Chem	202	General Chemistry II	6	4
Chem	221	Organic Chemistry I	6	4
Chem	222	Organic Chemistry II	6	4
Bio	404	Biology Seminar		1
		Biology Electives (must include one field and one laboratory course)		9
				42

BIOLOGY MAJOR

SEMESTER SCHEDULE

First			S.H.	Second			S.H.
Or	100	Orientation	0	Eng	102	English II	3
Eng	101	English I	3	Hist	102	World Civil II	3
Ma*	100	Algebra & Trig	3	Ma	210	Anal Geom & Calc I	3
Hist	101	World Civil I	3	Bio	202	Zoology II	4
Bio	201	Zoology I	4	Chem	202	Gen Chemistry II	4
Chem	201	Gen Chemistry I	4	HPE	102	Physical Educ II	0
HPE	101	Physical Educ I	0				
			17				17

* If preparation in Algebra and Trigonometry is adequate the student may substitute Math 210, followed by Math 211.

Third

		S.H.
Eng 110	Lit of Western Wld I	3
Hist 103	Hist of U.S. & Pa. I	3
Bio 203	Botany I	4
Chem 221	Organic Chem I	4
HPE 103	Physical Ed III	0
	Gen Educ Elective or Foreign Lang Elect	3
		17

Fourth

		S.H.
Eng 111	Lit of Western Wld II	3
Hist 104	Hist of U.S. & Pa. II	3
Bio 204	Botany II	4
Chem 222	Organic Chem II	4
HPE 104	Physical Ed IV	1
	Gen Educ Elective or Foreign Lang Elect	3
		18

Fifth

Spc 101	Fund of Speech	3
Mus 101	Intro to Music or	
Art 101	Intro to Art	2
Psy 101	Gen Psychology	3
Phys 201	Gen Physics I	4
	Biology Elective	3
		15

Sixth

Psy 201	Educ Psychology	3
Phys 202	Gen Physics II	4
Sci 290	Tchg Biol Sciences in Secondary Sch	2
HPE 100	Health	1
	Biology Elective	3
	Gen Educ Elective	3
		16

Seventh**

Ed 215	Audio-Visual Comm	2
Ed 230	Hist & Philos Educ	3
Ed 240	Prob of Second Educ Incl School Law	2
Sci 270	Hist & Philos Sci	3
Ed 402	Prof Seminar & Tchg Rdg in Second Sch	2
Bio 404	Biology Seminar	1
	Biology Elective	3
		16

Eighth**

Ed 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 128

CHEMISTRY MAJOR

AREA OF SPECIALIZATION (44 Semester Hours)

		C.H.	S.H.
Chem 201	General Chemistry I	6	4
Chem 202	General Chemistry II	6	4
Chem 213	Quantitative Analysis	6	4
Chem 214	Instrumental Analysis	5	3
Chem 221	Organic Chemistry I	6	4
Chem 222	Organic Chemistry II	6	4
Chem 251	Physical Chemistry I	6	4
Chem 252	Physical Chemistry II	6	4
Chem 404	Chemistry Seminar		1
Ma* 210	Analytic Geometry and Calculus I	3	3
Ma 211	Analytic Geometry and Calculus II	3	3
Ma 212	Analytic Geometry and Calculus III	3	3
	Chemistry Elective		3
			44

*If preparation in algebra and trigonometry is not adequate to permit a student to proceed immediately to Ma 210, he must complete Ma 100 in addition to the courses listed.

**Should be alternated.

SEMESTER SCHEDULE

First

		S.H.
Or 100	Orientation	0
Eng 101	English I	3
Hist 101	World Civil I	3
Ma* 210	Anal Geom & Calc I	3
Chem 201	Gen Chemistry I	4
Mus 101	Intro to Music	2
HPE 100	Health	1
HPE 101	Physical Educ I	0
		16

Second

		S.H.
Eng 102	English II	3
Bio 101	Man and Biol World	4
Hist 102	World Civil II	3
Ma 211	Anal Geom & Calc II	3
Chem 202	Gen Chemistry II	4
HPE 102	Physical Educ II	0
		17

Third

Eng 110	Lit of Western Wld I	3
Hist 103	Hist U.S. & Pa. I	3
Ma 212	Anal Geom & Calc III	3
Chem 213	Quant Analysis	4
Phys 201	Gen Physics I	4
HPE 103	Physical Ed III	0
		17

Fourth

Eng 111	Lit of Western Wld II	3
Spc 101	Fund of Speech	3
Hist 104	Hist U.S. & Pa. II	3
Phys 202	Gen Physics II	4
HPE 104	Physical Ed IV	1
	Gen Educ Elective	3
		17

Fifth

Psy 101	Gen Psychology	3
Chem 221	Organic Chem I	4
Chem 251	Physical Chem I	4
Sci 295	Tchg Physical Sciences in Second School	2
	German	3
Art 101	Intro to Art	2
		18

Sixth

Chem 214	Instr Analysis	3
Psy 201	Educ Psychology	3
Chem 222	Organic Chem II	4
Chem 252	Physical Chem II	4
	German	3
		17

Seventh**

Ed 215	Audio-Visual Comm	2
Ed 230	Hist & Philos Educ	3
Ed 240	Prob of Sec Educ Incl School Law	2
Sci 270	Hist & Philos Sci	3
Chem 404	Chemistry Seminar	1
Ed 402	Prof Seminar & Tchg Rdg Sec Sch	2
	Chemistry Elective	3
		16

Eighth**

Ed 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 130

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* If preparation in algebra and trigonometry is not adequate to permit a student to proceed immediately to Ma 210, he must complete Ma 100 in addition to the courses listed.

**Should be alternated.

EARTH AND SPACE SCIENCE MAJOR

AREA OF SPECIALIZATION (40 Semester Hours)			C.H.	S.H.
Bio	203	Botany I	6	4
Bio	204	Botany II	6	4
Chem	201	General Chemistry I	6	4
Chem	202	General Chemistry II	6	4
Geog	201	Physical Geography	3	3
Geog	211	Meteorology	3	3
Geog	220	Physical Geology	3	3
Sci	200	Descriptive Astronomy	3	3
ESS	404	Earth and Space Seminar		1
		Science, Math, Geography Electives (By Department Advisement)		11
				40

SEMESTER SCHEDULE

First

		S.H.
Or 100	Orientation	0
Eng 101	English I	3
Bio 201	Zoology I	4
Ma* 210	Anal Geom & Calc I	3
Geog 201	Physical Geography	3
Hist 101	World Civil I	3
HPE 100	Health	1
HPE 101	Physical Educ I	0
		17

Second

		S.H.
Eng 102	English II	3
Hist 102	World Civil II	3
Bio 202	Zoology II	4
Geog 202	Cultural Geog	3
Ma 211	Anal Geom & Calc II	3
HPE 102	Physical Educ II	0
		16

Third

Eng 110	Lit of Western Wld I	3
Psy 101	Gen Psychology	3
Chem 201	Gen Chemistry I	4
Phys 201	Gen Physics I	4
Spc 101	Fund of Speech	3
HPE 103	Physical Ed III	0
		17

Fourth

Eng 111	Lit of Western Wld II	3
Psy 201	Educ Psychology	3
Chem 202	Gen Chemistry II	4
Phys 202	Gen Physics II	4
Art 101	Intro to Art	
	or	
Mus 101	Intro to Music	2
HPE 104	Physical Ed IV	1
		17

Fifth

Hist 103	Hist U.S. & Pa. I	3
Bio 203	Botany I	4
Geog 211	Meteorology	3
Sci 200	Descrip Astronomy	3
	Special Area Elect	3
		16

Sixth

Hist 104	Hist U.S. & Pa. II	3
Bio 204	Botany II	4
Ed 240	Prob Sec Educ Incl School Law	2
Sci 295	Tchg Physical Sciences Sec School	2
Geog 220	Physical Geology	3
	Special Area Elect	3
		17

Seventh**

Ed 215	Audio-Visual Comm	2
Sci 270	Hist & Philos Sci	3
Ed 230	Hist & Philos Educ	3
Ed 402	Prof Seminar & Tchg Rdg in Sec School	2
ESS 404	ESS Seminar	1
	Special Area Elects	5
		16

Eighth**

Ed 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 128

* Math 100, if lack of preparation in math warrents. Must complete in addition to Math courses listed.

**Should be alternated.

PHYSICS MAJOR

AREA OF SPECIALIZATION (42 Semester Hours)

		C.H.	S.H.
Phys 201	General Physics I	6	4
Phys 202	General Physics II	6	4
Ma 210	Analytic Geometry and Calculus I	3	3
Ma 211	Analytic Geometry and Calculus II	3	3
Ma 212	Analytic Geometry and Calculus III	3	3
Ma 213	Analytic Geometry and Calculus IV	3	3
Ma 215	Differential Equations	3	3
Phys 404	Physics Seminar		1
	*Physics Electives		18
			42

* Phys 304 — Modern Physics — Required.

(Note: Physics Electives offered in a two-year cycle and by demand during summer sessions.)

SEMESTER SCHEDULE

First

		S.H.
Or 100	Orientation	0
Eng 101	English I	3
Spc 101	Fund of Speech	3
Hist 101	World Civil I	3
Psy 101	Gen Psychology	3
Ma** 210	Anal Geom & Calc I	3
HPE 101	Physical Educ I	0
		15

Second

		S.H.
Eng 102	English II	3
Hist 102	World Civil II	3
Bio 101	Man and Bio World	4
Psy 201	Educ Psychology	3
Ma 211	Anal Geom & Calc II	3
HPE 100	Health	1
HPE 102	Physical Educ II	0
		17

Third

Eng 110	Lit of Western Wld I	3
Art 101	Intro to Art	
	or	
Mus 101	Intro to Music	2
Phys 201	Gen Physics I	4
Ma 212	Anal Geom & Calc III	3
Chem 201	Gen Chemistry I	4
HPE 103	Physical Ed III	0
		16

Fourth

Eng 111	Lit of Western Wld II	3
Chem 202	Gen Chemistry II	4
Phys 202	Gen Physics II	4
Ma 213	Anal Geom & Calc IV	3
Ma 215	Diff Equations	3
HPE 104	Physical Educ IV	1
		18

Fifth

Hist 103	Hist U.S. & Pa. I	3
Ed 215	Audio-Visual Comm	2
Sci 270	Hist & Philos Sci	3
	Physics Elective	6
	General Educ Elect	3
		17

Sixth

Hist 104	Hist U.S. & Pa. II	3
Phys 404	Physics Seminar	1
Sci 295	Tchg Physical Science in Sec School	2
	Physics Electives	6
	Gen Educ Elective	5
		17

Seventh*

Ed 230	Hist & Philos of Ed	3
Ed 240	Prob of Sec Educ Incl School Law	2
Ed 402	Prof Seminar and Tchg Rdg in Sec School	2
	Physics Electives	6
	Gen Educ Elective	3
		16

Eighth*

Ed 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 128

*Should be alternated

**Math 100, without credit, if lack of preparation in math warrants. Must complete in addition to Math courses listed.

SOCIAL SCIENCE DEPARTMENT

GEOGRAPHY MAJOR

AREA OF SPECIALIZATION (39 Semester Hours)

			C.H.	S.H.
Econ	201	Principles of Economics	3	3
Anthro	201	Introduction to Anthropology	3	3
Pol Sci	201	American Government	3	3
Geog	205	Economic Geography I	3	3
Geog	211	Meteorology	3	3
Geog	230	Cartography	3	3
Geog	330	Regional: Geography of U.S. and Canada	3	3

From the following groups of courses select courses to the number of semester hours indicated.

GROUP A

Geog	220	Physical Geology	3	3
Geog	212	Intro to Climatology		
Geog	325	Geomorphology		
Geog	340	Conservation of Natural Resources		

GROUP B

Geog	301	Political Geography	3	3
Geog	341	Urban Geography		
Geog	302	World Problems in Geography		
Geog	342	Trade and Transportation		

GROUP C

Geog	335	Geography of Europe	3	3
Geog	336	Geography of Asia		
Geog	338	Geography of Africa		
Geog	332	Geography of Latin America		

One additional course must be selected from the above Groups A, B or C.	3	3
Free Geography Electives		6
		39

SEMESTER SCHEDULE

First

		S.H.
Eng 101	English I	3
Hist 101	World Civil I	3
Bio 101	Man and Bio World	4
Spc 101	Fund of Speech	3
Geog 201	Physical Geog	3
HPE 101	Phys Educ I	0
		16

Second

		S.H.
Eng 102	English II	3
Hist 102	World Civil II	3
Phys 101	Man and Phys Univ	4
Ma 101	Fund Conc of Math I	3
Geog 202	Cultural Geog	3
HPE 100	Health	1
HPE 102	Phys Educ II	0
		17

Third

Eng 110	Lit of Western Wld I	3
Art 101	Intro to Art	2
Hist 103	Hist U.S. & Pa. I	3
Anthro 201	Intro to Anthropology	3
Geog 205	Econ Geog I	3
Geog 211	Meteorology	3
HPE 103	Phys Educ III	0
		17

Fourth

Eng 111	Lit of Western Wld II	3
Mus 101	Intro to Music	2
Hist 104	Hist U.S. & Pa. II	3
Econ 201	Prin of Econ	3
	Geog Elect Group A	3
	Geog Elect Group B	3
HPE 104	Physical Educ IV	1
		18

Fifth	S.H.	Sixth	S.H.
Psy 101 Gen Psychology	3	Psy 201 Educ Psychology	3
Ed 240 Prob of Sec Educ Incl School Law	2	Geog 290 Tchg Geog in Sec Sch	3
Pol Sci 201 American Gov't	3	Ed 215 Audio-Visual Comm	2
Geog 230 Cartog & Graphics	3	Geog Elect Group C	3
Geog 330 Geog U.S. & Canada	3	Geog Elect Group A, B or C	3
Gen Educ Elective	3	Gen Educ Elective	3
	17		17
Seventh*		**Eighth***	
Ed 202 Evaluative Tech	2	Ed 400 Student Teaching	12
Ed 230 Hist & Philos of Educ	3		
Phil 201 Intro to Philos I	3		
Ed 402 Prof Seminar and Tchg Rdg in Sec Sch	2		
Geography Elects	6		
	16		12
TOTAL SEMESTER HOURS			130

*Should be alternated.

HISTORY MAJOR

AREA OF SPECIALIZATION (39 Semester Hours)	C.H.	S.H.
Econ 201 Principles of Economics	3	3
Anthro 201 Introduction to Anthropology	3	3
Pol Sci 201 American Government	3	3

Electives will be made from the following groups for the number of semester hours indicated.

AMERICAN HISTORY ELECTIVES

GROUP A (1)

Hist 203 Colonial and Revolutionary America
Hist 204 National Period 1800-1848 3

GROUP A (2)

Hist 304 Hist of Civil War and Reconstruction
Hist 305 United States Industrial and Empire Period 3
Hist 306 Twentieth-Century American History 3

EUROPEAN HISTORY ELECTIVES

GROUP E (1)

Hist 341 Renaissance and Reformation Studies
Hist 342 History of Europe 1648-1848 3

GROUP E (2)

Hist 343 Europe in the Nineteenth Century
Hist 371 Russia: A History from its Origin to the Bolshevik Revolution of 1917 3

GROUP E (3)

Hist 241 Europe in the Twentieth Century
Hist 372 The Soviet Union
Hist 381 History of Modern Germany 3

GROUP NW

Non-Western History Electives 6
History Free Electives 6
39

HISTORY MAJOR

SEMESTER SCHEDULE

First

		S.H.
Eng 101	English I	3
Hist 201	The Ancient World	3
Bio 101	Man and the Bio World	4
Spc 101	Fund of Speech	3
Geog 201	Physical Geog	3
HPE 101	Physical Educ I	0
		16

Second

		S.H.
Eng 102	English II	3
Hist 202	Hist of Medieval Eur	3
Phys 101	Man and Phys Univ	4
Ma 101	Fund Conc of Math I	3
Geog 202	Cultural Geog	3
HPE 100	Health	1
HPE 102	Phys Educ II	0
		17

Third

Eng 110	Lit of Western Wld I	3
Art 101	Intro to Art	2
Hist 103	Hist U.S. & Pa. I	3
Pol Sci 201	American Gov't	3
Anthro 201	Intro to Anthropology	3
Phil 201	Intro to Philos I	3
HPE 103	Phys Educ III	0
		17

Fourth

Eng 111	Lit of Western Wld II	3
Mus 101	Intro to Music	2
Hist 104	Hist U.S. & Pa. II	3
Econ 201	Prin of Economics	3
	History Elect Group E(1)	3
Ed 230	Hist & Philos of Educ	3
HPE 104	Physical Educ IV	1
		18

Fifth

Psy 101	General Psychology	3
Ed 240	Prob of Sec Educ Incl School Law	2
	History Elective Group A(1)	3
	History Elective Group E(2)	3
	History Elective Group NW or E(2)	3
	Gen Educ Elective	3
		17

Sixth

Psy 201	Educ Psychology	3
Ed 215	Audio-Visual Comm	2
SS 290	Tchg Soc Studies in Sec School	3
	History Elective Group A(2)	3
	History Elective Group NW	3
	General Educ Elect	3
		17

Seventh*

Ed 202	Eval Techniques	2
Ed 402	Prof Seminar and Tchg Rdg in Sec Sch	2
Hist 306	20th Century Amer History	3
	History Elective Group E(3) or NW	3
	History free Elects	6
		16

Eighth*

Ed 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 130

*Should be alternated.

Note: The student must assume the responsibility of seeing that all required elective groups are completed for certification.

SOCIAL STUDIES MAJOR

AREA OF SPECIALIZATION (39 Semester Hours)

			C.H.	S.H.
Econ	201	Principles of Economics	3	3
Anthro	201	Introduction to Anthropology	3	3
Soc	201	Principles of Sociology	3	3
Hist	306	Twentieth-Century American History	3	3
Hist	241	Europe in the Twentieth Century	3	3
Pol Sci	201	American Government	3	3
Pol Sci	202	State and Local Government	3	3

RESTRICTED ELECTIVES GROUP A (Must take one from this group)

Pol Sci	340	Comparative Government	3
		or	
Pol Sci	345	International Relations	

RESTRICTED ELECTIVES GROUP B (Must take two from this group)

Hist	392	History of the Far East	6
Hist	393	History of the Middle East	
Hist	394	Government and Institutions of S. E. Asia	
Anthro	301	World Ethnography	

RESTRICTED ELECTIVES GROUP C (Must take one from this group)

Elective in Sociology, Economics, or Anthropology	3
Electives in one field of the social sciences	6
	39

SEMESTER SCHEDULE

First

		S.H.
Eng 101	English I	3
Hist 201	The Ancient World	3
Bio 101	Man and Bio World	4
Spc 101	Fund of Speech	3
Geog 201	Physical Geog	3
HPE 101	Physical Educ I	0
		16

Second

		S.H.
Eng 102	English II	3
Hist 202	Hist of Medieval Eur	3
Phys 101	Man and Phys Univ	4
Ma 101	Fund Conc of Math I	3
Geog 202	Cultural Geog	3
HPE 100	Health	1
HPE 102	Physical Educ II	0
		17

Third

		S.H.
Eng 110	Lit of Western Wld I	3
Hist 103	Hist U.S. & Pa. I	3
Art 101	Intro to Art	2
Pol Sci 201	American Gov't	3
Anthro 201	Intro to Anthropology	
	or	
Econ 201	Prin of Econ	3
Phil 201	Intro to Philos I	
	or	
Soc 201	Prin of Sociology	3
HPE 103	Phys Educ III	0
		17

Fourth

		S.H.
Eng 111	Lit of Western Wld II	3
Hist 104	Hist U.S. & Pa. II	3
Mus 101	Intro to Music	2
Pol Sci 202	State & Local Gov't	3
Anthro 201	Intro to Anthropology	
	or	
Econ 201	Prin of Economics	3
Soc 201	Prin of Sociology	
	or	
Phil 201	Intro to Philos I	3
HPE 104	Physical Educ IV	1
		18

Fifth		S.H.
Psy 102	Gen Psychology	3
Ed 240	Prob of Sec Educ Incl School Law	2
Hist 241	Eur in 20th Century or	3
Hist 306	20th Cent Amer Hist Elective Group A or B	3
SS 290	Tchg Soc Studies in the Sec School or	3
	Elective Group A, B or C Gen Educ Elective	3
		17

Sixth		S.H.
Psy 201	Educ Psychology	3
Ed 215	Audio-Visual Comm	2
Hist 241	Europe in 20th Century or	3
Hist 306	20th Cent Amer Hist Elective Group A or B	3
SS 290	Tchg Soc Studies in Sec School or	3
	Elective Group A, B or C General Educ Elective	3
		17

Seventh*		
Ed 202	Eval Techniques	2
Ed 230	Hist & Philos of Ed	3
Ed 402	Prof Seminar & Tchg Rdg in Sec School	2
	Restricted Elective (as needed to complete requirement)	3
	**Social Science Free Elects	6
		16

Eighth*		
Ed 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 130

* Should be alternated.

**It is recommended that the six semester hours of free social science electives be in one academic discipline.

ART EDUCATION CURRICULUM

Sequence of courses leading to a degree in Art Education to be planned under departmental supervision.

See **special requirements for admission to Art Education Curriculum** under ADMISSIONS.

HOME ECONOMICS EDUCATION CURRICULUM*

Home Economics Education provides for liberal studies designed to elevate taste, to cultivate values and to develop the capacity for logical thinking. Home Economics is focused on home and family life marked by mobility, affluence, leisure and young parenthood. The majority of women will be both homemaker and wage earner. Higher education in home economics affords preparation for the several roles of the home economics graduate, as the home economics teacher, the homemaker and a contributor to society in the local, national and world community.

* Revised program effective for students entering an or after June 1966.

At Mansfield the Bachelor of Science degree in Home Economics Education is awarded to all graduates. This degree enables them to teach home economics in Pennsylvania schools.

A new emphasis at the secondary level is preparation of students for wage-earning. Consequently, the home economics program at Mansfield is being implemented to provide preparation of home economics teachers to serve in wage-earning programs. One summer during the college career, and preferably between the junior and senior year, home economics students at Mansfield plan and execute a summer work experience designed to help prepare them to teach in occupational programs.

AREA OF SPECIALIZATION (42 Semester Hours)

		**C.H.	S.H.
HEc 201	Clothing Construction, Selection and Purchasing I	6	4
HEc 202	Elementary Textiles	2	2
HEc 203	Tailoring	5	3
HEc 215	Foods and Nutrition I	6	4
HEc 216	Foods and Nutrition II	6	4
HEc 221	Consumer Economics and Family Finance	3	3
HEc 223	Housing and Home Furnishings	4	3
HEc 224	Home Management and Household Equipment	4	3
HEc 225	Home Management (Residence)	9	3
HEc 231	Child Development and Nursery School	7	4
HEc 235	Family Relationships	3	3
	Home Economics Electives		6
			42

**Clock hours or number of 50 minute class sections per week.

SEMESTER SCHEDULE

First

		S.H.	
Or 100	Orientation	0	
Eng 101	English I	3	
Hist 101	World Civil I	3	
Spc 101	Fund of Speech	3	
HPE 101	Physical Educ I	0	
HEc 200	HEc Orientation	1	
HEc 201	Clothing I	4	
Art 101	Intro to Art	2	
	or		
HEc 202	Elem Textiles	2	
HPE 100	Health	1	
Ma 100	Alg and Trig	3	6
			16

Second

		S.H	
Eng 102	English II	3	
Hist 102	World Civil II	3	
Bio 101	Man and Bio World	4	
HPE 102	Phys Educ II	0	
HEc 201	Clothing I	4	
Art 101	Intro to Art	2	
	or		
HEc 202	Elem Textiles	2	
HPE 100	Health	1	
Ma 100	Alg and Trig	3	6
			16

Third

Hist 103	Hist U.S. & Pa. I	3
Psy 101	Gen Psychology	3
Chem 203	Inorganic Chemistry	4
HEc 215	Foods & Nutr I	4
Mus 101	Intro to Music	2
HPE 103	Phys Educ III	0
		16

Fourth

Hist 104	Hist U.S. & Pa. II	3
Psy 201	Educ Psychology	3
Chem 204	Organic Chemistry	4
HEc 216	Foods & Nutr II	4
HEc 224	Home Mgt and Household Equip.	3
HPE 104	Physical Educ IV	1
		18

Fifth		S.H.
Eng 110	Lit of Western Wld I	3
HEc 221	Cons Econ & Finance	3
	(A)	
Ed 215	Audio-Vis Comm	2
HEc 240	The Adolescent	3
HEc 223	Housing & Home Furn	3
HEc 235	Family Relations	3
	(B)	
HEc 203	Tailoring	3
HEc 231	Child Development	4
	General Educ Elect	3
		16 or 17

Sixth		S.H.
Eng 111	Lit of Western Wld II	3
	General Educ Elect	3
	(A)	
HEc 290	Tchg of Home Econ	5
HEc 203	Tailoring	3
HEc 231	Child Development	4
	(B)	
HEc 223	Housing & Home Furn	3
HEc 235	Family Relations	3
HEc 240	The Adolescent	3
Ec 215	Audio-Visual Comm	2
		17 or 18

Seventh		
	(A)	
Ed 400	Student Teaching	12
	(B)	
HEc 200	Tchg of Home Econ	5
HEc 225	Home Management	3
Ed 230	Hist & Philos of Ed	3
	Home Econ Electives	6
		12 or 17

Eighth		
	(A)	
Ed 230	Hist & Philos Ed	3
HEc 225	Home Management	3
	Home Econ Electives	6
	Gen Educ Elective	3
	(B)	
Ed 400	Student Teaching	12
		12 or 15

TOTAL SEMESTER HOURS 128

Beginning with the fifth semester a student registers for either A group or B group and through the fifth, sixth, seventh and eighth semesters follows the sequence of courses for whichever group she registered in the fifth semester.

Students have a choice of 6 semester hours in general electives and 6 semester hours in home economics electives.

HEc 240, **The Adolescent,** should be taken before HEc 290, **Teaching of Home Economics.**

HEc 290, **Teaching of Home Economics,** should be taken during the semester just prior to student teaching.

MUSIC EDUCATION CURRICULUM

AREA OF SPECIALIZATION (42 Semester Hours)		C.H.	S.H.
Mus 206	Eurhythmics II	2	1
Mus 212	Basic Music II	4	3
Mus 213	Basic Music III	5	4
Mus 214	Basic Music IV	5	4
Mus 231	Conducting I	3	2
Mus 232	Conducting II	3	2
Mus 235	Orchestration	2	2
	Applied Music (7 semesters, 3 semester hours credit each semester)		21
	Music Elective		3
			42

SEMESTER SCHEDULE

First		S.H.
Eng 101	English I	3
Hist 101	World Civil I	3
Mus 211	Basic Music I	3
HPE 101	Physical Educ I	0
Ma 101	Fund Concepts Math I	3
Mus 200	Survey of Music Lit	2
	Applied Music	3
		17

Second		S.H.
Eng 102	English II	3
Hist 102	World Civil II	3
Mus 212	Basic Music II	3
Bio 101	Man and Bio World	4
HPE 102	Phys Educ II	0
	Applied Music	3
		16

Third

Hist 103	Hist U.S. & Pa. I	3
Phys 101	Man & Phys Univ	4
Mus 213	Basic Music III	4
Mus 205	Eurhythmics I	1
Eng 110	Lit of Western Wld I	3
HPE 103	Phys Educ III	0
	Applied Music	3
		18

Fourth

Hist 104	Hist U.S. & Pa. II	3
Art 101	Intro to Art	2
Eng 111	Lit of Western Wld II	3
Mus 214	Basic Music IV	4
Mus 206	Eurhythmics II	1
HPE 104	Physical Ed IV	1
	Applied Music	3
		17

Fifth

Psy 101	Gen Psychology	3
Ed 215	Audio-Visual Comm	2
Mus 221	Methods I	2
Mus 231	Conducting I	2
Mus 301	Hist of Music I	3
HPE 100	Health	1
	Applied Music	3
		16

Sixth

Psy 201	Educ Psychology	3
Spc 101	Fund of Speech	3
Mus 222	Methods II	2
Mus 232	Conducting II	2
Mus 235	Orchestration	2
Mus 302	Hist of Music II	3
	Applied Music	3
		18

Seventh*

Ed 230	Hist & Philos of Ed	3
Mus 102	Acoustics	3
Mus 223	Methods III	2
	Music Elective	3
	Applied Music	3
		14

Eighth*

Ed (Mus) 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 128

*Should be alternated.

APPLIED MUSIC REQUIREMENTS

1. Each student must select, under advisement, a major performing medium. Seven semesters of study are required on this major performing medium.

2. In addition to the major performing medium, each student must also have a minor performing medium. Four semesters of study are required on the minor performing medium.

3. At least two semesters of piano for credit are required of all students. Where minimum proficiency is lacking upon entrance, the deficiency must be eliminated by piano study without credit (Piano 0) until minimum proficiency standards are met for entrance into Piano I.

4. Instrumental class requirements in applied music must be met by examination by departmental consent. Any applied music requirement passed by examination without taking the course receives no credit or letter grade.

5. Participation in musical organizations is a requirement.

6. After basic minimum requirements in an applied music area are satisfied, continuance in this area is contingent upon approval of the instructor involved and the adviser.

LIBRARY EDUCATION CURRICULUM

The emphasis in the department of Library Education is that of preparing school librarians for the Commonwealth of Pennsylvania.

A librarian needs either a broad acquaintance with the literatures of many branches of knowledge, or a special familiarity with one branch; hence a general education is an essential foundation for the study of library science.

A subject interest that has been developed through adequate academic preparation frequently has direct application in the library field. The existence of numerous special libraries and special collections in general libraries offers attractive opportunities for those who have specialized in the social sciences, the physical or biological sciences, the fine arts and other subject areas.

Knowledge of foreign languages has become increasingly important for work in university and scientific libraries, and students will find strong language preparation a valuable asset. Students who have adequate language preparation in secondary school may file a petition to be excused from further language study, with the head of the department, and therefore make it possible to pursue other studies.

LIBRARY EDUCATION

AREA OF SPECIALIZATION (24 Semester Hours of the following)

		C.H.	S.H.
*Lib 211	Introduction to Librarianship	3	3
*Lib 212	Library Organization and Administration	3	3
*Lib 221	Reference Services and Materials	3	3
*Lib 242	Cataloging and Classification	3	3
**Lib 260	Literature for Children	3	3
**Lib 261	Literature for Young Adults	3	3
*Lib 262	The Library and the Adult Reader	3	3
Lib 263	Story Telling	3	3
*Lib 280	Classification and Cataloging of Non-Book Materials	3	3
*Lib 286	Book Selection	3	3
Lib 391	Directed Study	3	3

SUBJECT AREA OF CONCENTRATION (24 Semester Hours)

Twenty-four hours in a single subject field or twelve hours in each of two subject fields.

SEMESTER SCHEDULE

First

		S.H.
Or 100	Orientation	0
Eng 101	English I	3
Hist 101	World Civil I	3
Bio 101	Man and Bio World	4
Ma 101	Fund Conc Math I	3
HPE 101	Physical Educ I	0
	Gen Educ Elective	3
		16

Second

		S.H.
Eng 102	English II	3
Hist 102	World Civil II	3
Spc 101	Fund of Speech	3
Lib 211	Intro to Librnship	3
HPE 100	Health	1
Lib 260	Lit for Children or	
Lib 261	Lit for Young Adults	3
HPE 102	Phys Educ II	0
		16

Third

Eng 110	Lit of Western Wld I	3
Psy 101	Gen Psychology	3
Art 101	Intro to Art	2
Lib 262	Lib & Adult Reader	3
HPE 103	Physical Educ III	0
	Gen Educ Elective	3
	Subject Area Elect	3
		17

Fourth

Eng 111	Lit of Western Wld II	3
Psy 201	Educ Psychology	3
Mus 101	Intro to Music	2
HPE 104	Physical Ed IV	1
	General Educ Elect	3
	Subject Area Electives	6
		18

Fifth

Phys 101	Man & Phys Univ	4
Hist 103	Hist U.S. & Pa. I	3
Lib 221	Ref Servs & Matrls	3
Lib 242	Catalog. & Classif	3
	Subject Area Elect	3
		16

Sixth

Ed 215	Audio-Visual Comm	2
Hist 104	Hist U.S. & Pa. II	3
***Lib 212	Lib Org & Admin	3
Lib 280	Classif & Catalog of Non-Book Matrls	3
	Subject Area Elects	6
		17

Seventh

Ed 230	Hist & Philos Ed	3
Phil 201	Intro to Philos I	3
Lib 286	Book Selection	3
	Gen Educ Elective	3
	Subject Area Elects	6
		18

Eighth

Ed (Lib) 400	Student Teaching	12
		12

TOTAL SEMESTER HOURS 130

*Required
**Required — pending area of interest
***Lib 212, *Library Organization and Administration*, should be taken the semester prior to Student Teaching.

DENTAL HYGIENE CURRICULUM

The degree of Bachelor of Science in Education for Dental Hygienists will be conferred upon Dental Hygienists meeting the following requirements:

1. The possession of a valid license to practice dental hygiene in the Commonwealth of Pennsylvania issued by the State Dental Council and Examining Board and the Department of Public Instruction. "The professional education requirement for dental hygiene is the satisfactory completion of an approved dental hygienist course of instruction of two years of not less than 32 weeks of not less than 30 hours each week or its equivalent in and graduation from a dental hygiene school approved by the State Council and Examining Board."*

2. The satisfactory completion in addition thereto of 66 semester hours of professional and general education courses distributed as follows:**

GENERAL EDUCATION (55 Semester Hours)

			S.H.
Eng	101	English 1	3
Eng	102	English II	3
Spc	101	Fundamentals of Speech	3
Eng	110	Literature of Western World I	3
Eng	111	Literature of Western World II	3
Art	101	Introduction to Art	2
Mus	101	Introduction to Music	2
Ma	101	Fundamental Concepts in Mathematics	3
Hist	101	World Civilization I	3
Hist	102	World Civilization II	3
Hist	103	History of the U.S. & Pa. I	3
Hist	104	History of the U.S. & Pa. II	3
Psy	101	General Psychology	3
Geog	202	Cultural Geography	3
Phil	201	Introduction to Philosophy I	3
Soc	201	Principles of Sociology	3
		General Education Electives	9
			55

PROFESSIONAL EDUCATION (11 Semester Hours)

Psy	201	Educational Psychology	3
Ed	215	Audio-Visual Communication	2
Ed	230	History and Philosophy of Education	3
Ed El	250	Child Development	
		or	
Psy	303	Adolescent Psychology	3
			11

In each category above, credit will be given for equivalent courses pursued in the two-year Dental Hygiene curriculum. In such cases students must increase their electives by the number of semester hours so credited.

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* Bulletin 644, 1950. Rules and Regulations for Applicants for Admission to Examination for Licensure to Practice Dentistry and Dental Hygiene and Examination Procedures.

**Note section on maintenance of matriculation (Scholastic Requirements and Standards).

In the case of dental hygienists who have less than two years of specialized training on the basis of which they were licensed to practice dental hygiene, proportional credit will be given. Such persons must pursue additional general education courses in college to make up the deficiency.

Electives may be chosen with the approval of the Dean of Academic Affairs from any field or curriculum offered at the college in which the student is enrolled.

PUBLIC SCHOOL NURSING CURRICULUM

The degree of Bachelor of Science in Education will be conferred upon registered nurses who meet the following requirements:

1. The satisfactory completion of a three-year curriculum in an approved school of nursing and registration by the State Board of Examiners for the registration of nurses of Pennsylvania.
2. The satisfactory completion of 62 semester hours of additional preparation as detailed below.*

PUBLIC SCHOOL NURSING

GENERAL EDUCATION (35 Semester Hours)

			S.H.
English and Literature			
Eng	101	English I	3
Eng	110	Literature of the Western World I	
		or	
Eng	111	Literature of the Western World II	3
Art	101	Introduction to Art	
		or	
Mus	101	Introduction to Music	2
			8
Social Sciences			
Hist	101	World Civilization I	
		or	
Hist	102	World Civilization II	3
Hist	103	Hist of the U.S. and Pa. I	
		or	
Hist	104	Hist of the U. S. and Pa. II	3
Soc	201	Principles of Sociology	3
			9
Additional Courses in General Education			
Psy	101	General Psychology	3
Phil	201	Introduction to Philosophy I	3
Ma	101	Fundamental Concepts in Mathematics I	3
		General Education Electives	9
			18

*Nurses with less than three years of preparation for registration will be required to complete additional courses, as approved by the Dean of Academic Affairs, in order to meet the requirements for the degree. Note section on maintenance of matriculation (Scholastic Requirements and Standards).

PROFESSIONAL EDUCATION (12 Semester Hours)

			S.H.
Psy	201	Educational Psychology	3
Ed El	250	Child Development	
		or	
Psy	303	Adolescent Psychology	3
Ed	230	History and Philosophy of Education	3
Psy	311	Mental Health	3
			12

COURSES RELATED TO PUBLIC SCHOOL NURSING (15 Semester Hours)

PSN	200	Public School Nursing	2
PSN	201	Public Health Nursing I	3
PSN	202	Public Health Nursing II	3
PSN	203	Foundations of Nutrition	2 or 3
PSN	204	Family Case Work	
		or	
PSN	205	Prevention and Control of Communicable Disease	3
PSN	206	Public School Organization	2
			15 or 16

TOTAL SEMESTER HOURS ..... 62 or 63

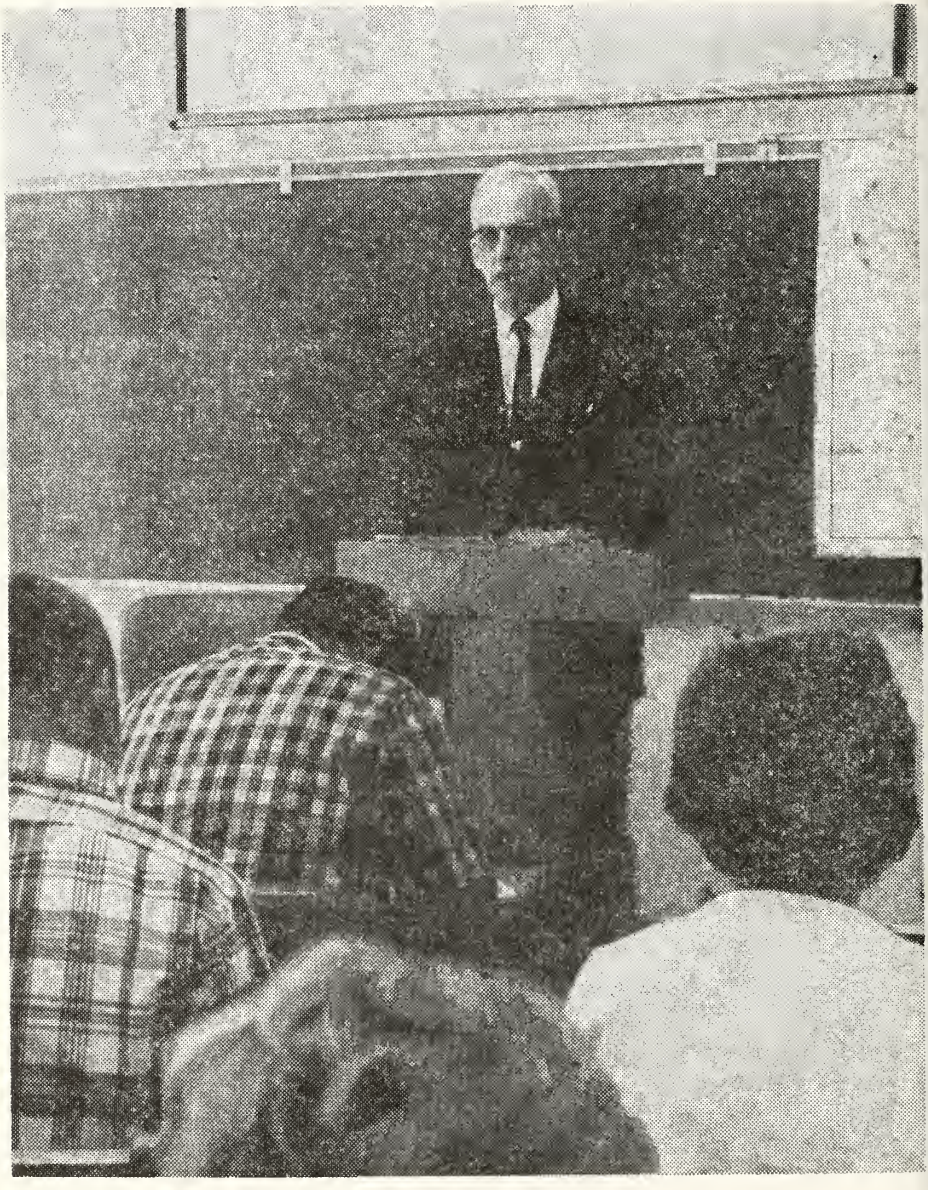
SAFETY EDUCATION

(CERTIFICATION ONLY)

For extension of certification to include the teaching of general safety and highway safety in the secondary schools of Pennsylvania the following requirements must be satisfied:

1. Bachelor of Science Degree in Education
2. Twelve semester hours in safety education, to be fulfilled as follows:

		S.H.
HPE 301	General Safety Education	3
HPE 302	Highway Safety Education	3
HPE 305	Methods and Materials in Safety Education	3
HPE 306	Organization and Supervision in Safety Education	3



ARTS AND SCIENCES

OBJECTIVES OF THE PROGRAM

The purpose of the Mansfield program in the arts and sciences is to foster that discipline of mind which can relate specialized knowledge to general knowledge and guide the individual to the recognition and evaluation of his responsibilities as a member of the family of man. The program planned by Mansfield State College will provide a design of formal studies and of extracurricular activities organized for the cultivation of a disciplined intellect and will, the development of a better understanding of one's self and our world, and the assimilation of the values shared by men of reason and integrity in any truly civilized society. Inseparable from these aims, and necessary in preparation for an effective role in life, the following attainments will be emphasized as well in the Mansfield program: (a) clarity and precision in writing and speaking, (b) mastery of the fundamental concepts and essential body of knowledge belonging to each of the great areas of human experience — the humanities, the social sciences, and the natural sciences. With such undergraduate preparation, students should be able to undertake the vocational phase of their further education or enter a business or profession as capable men and women and as capable, responsible citizens.

PROGRAM OF STUDIES LEADING TO THE BACHELOR OF ARTS DEGREE

Consistent with this statement of objectives, is the program of studies leading to the Bachelor of Arts degree. It consists of courses totaling 128 semester hours required for graduation. Of these, 65 hours will be required in General Education courses; a minimum of 36 hours concentrated in one of the majors described below; and 27 (or remaining) hours chosen under department supervision by means of which the student may explore the curriculum as a whole, strengthen his command over the body of knowledge which encompasses his chosen area of specialization, or examine other areas of knowledge in order to improve his understanding of the interrelationships of the academic disciplines.

THE GENERAL EDUCATION REQUIREMENTS

Slightly more than half of the entire arts and science program is dedicated to the achievement of a synoptic view of the vast body of knowledge which is the student's cultural heritage. The courses of study are designed to provide a comprehensive appreciation of the learning of the past and of scholarship, research, and artistic creativity of the present.

Although this General Education division of the program is more comprehensive than most, it is not intended to be rigidly restrictive. Flexibility will be achieved in two ways: first, students whose backgrounds and pre-college training indicate a higher than usual proficiency in any of the areas of study represented in the program of courses, may, at the discretion of the department concerned, be exempt from required courses in favor of courses more consistent with individual needs; and two, within the divisions of the Humanities and Social Sciences students are encouraged to exercise their own judgment in the selection of a part of their course requirements.

ABOUT PROGRAM DESIGN

The Arts and Science Council is continually evaluating the present programs in general education and areas of specialization. Therefore, students may find some changes in these catalogue requirements as they progress through the four year program.

THE CURRICULUM OF STUDIES

GENERAL EDUCATION (65 Semester Hours)

HUMANITIES		S.H.
English I and II and Fundamentals of Speech		9
Literature and Philosophy (3 s.h. in each; at least 6 s.h., in one)		9
Literature of Western World I	3	
Literature of Western World II	3	
Introduction to Philosophy	3	
Contemporary Philosophy	3	
Ethics	3	
Introduction to Logic	3	
*Foreign Language		6
Fine Arts		4
Introduction to Art	2	
Introduction to Music	2	

NATURAL SCIENCES AND MATHEMATICS	
Man and the Biological World	4
Man and the Physical Universe	4
Fundamental Concepts in Mathematics I and II	6

SOCIAL SCIENCES	
World Civilization I and II	6
History of the U. S. and Pennsylvania I and II	6
General Psychology	3

RESTRICTED ELECTIVES (6 s.h. of the following)		6
Foreign Language	6	
Economics	3	
Sociology	3	
Physical or Cultural Geography	3	
Anthropology	3	

HEALTH AND PHYSICAL EDUCATION	
Physical Education I, II, III, IV	1
Health	1
	65

ENGLISH MAJOR

	S.H.
General Education	65
(Courses common to all the Arts and Sciences except that an English major is required to take 12 hours of foreign language.)	
Area of Specialization	36

In addition to the 3 or 6 hours of literature selected from the General Education requirements, 36 hours of specialized study must be undertaken, selected from the following courses:

Eng 200-201	Survey of English Literature I and II (required)	6
Eng 202-203	Survey of American Literature I and II (required)	6
Eng 225	English Philology and Grammar	3
Eng 235	Advanced Composition (required)	3

*Level of language placement will be determined by an oral or written test.

Eng 250-251	Shakespeare (either 250 or 251 required)	6
Eng 300	Journalism	1-3
Eng 302	The Short Story	3
Eng 311	Old and Middle English Literature	3
Eng 312	Chaucer	3
Eng 313	Eighteenth-Century English Literature	3
Eng 314	Milton	3
Eng 315	The Romantic Movement	3
Eng 316	Seventeenth-Century Literature	3
Eng 317	Victorian Poetry and Prose	3
Eng 319	World Drama	3
Eng 320	The British Novel to 1870	3
Eng 321	The British Novel since 1870	3
Eng 322	Modern Drama	3
Eng 323	Modern Poetry	3
Eng 324	English Drama to 1890	3
Eng 330	Literary Criticism	3
Eng 335	Creative Writing	3
Eng 350	The Novelette	3
Eng 351	American Novel	3
Eng 400	Directed Study	Credit Arranged
Eng 401	Seminar in English Studies	3

Electives 27

TOTAL SEMESTER HOURS 128

MUSIC MAJOR

S.H.

General Education 65

(Courses common to all the Arts and Sciences except Mus 101, **Introduction to Music,** for which Mus 200, **Survey of Music Literature,** is to be substituted.)

Area of Specialization 36

Mus 211	Basic Music I	3
Mus 212	Basic Music II	3
Mus 213	Basic Music III	4
Mus 214	Basic Music IV	4
Mus 301	Music History I	3
Mus 302	Music History II	3
Mus 143, 144, 243, 244	Piano	4
Music Electives (chosen from the areas of concentration as described below)		12
Music Organizations (four semesters of participation is required in either band, orchestra, or chorus. Only one organization may be taken per year)		0

Electives (to be chosen under departmental advisement) 27

TOTAL SEMESTER HOURS 128

MUSIC ELECTIVES

The following courses are available for additional concentration in the areas of Music Theory, Music History, and Performance. Students may elect 27 semester hours in strength appropriate to the major area.

Music Theory

Mus 235	Orchestration	2
Mus 311	Counterpoint	3
Mus 313	Composition	3
Mus 315	Advanced Harmony	3
Mus 390	Directed Study	1-3

Music History

Mus 303	Music History III	3
Mus 304	Music History IV	3
Mus 305	American Music	3
Mus 306	The Symphony	3
Mus 307	The Concerto	3
Mus 308	Advanced Music Literature	3
Mus 309	Contemporary Music	3
Mus 390	Directed Study	1-3

Applied Music

Mus 145, 146 245, 246 345, 346 445, 446	Applied Music, major level	8-16
Mus 143, 144 243, 244 343, 344 443, 444	Applied Music, minor level	8

Note: The degree of Bachelor of Arts in Humanities with a concentration in Music makes no provision for teaching certification in the state of Pennsylvania. Students desiring such certification are advised that a fifth year of study would be necessary.

MATHEMATICS MAJOR

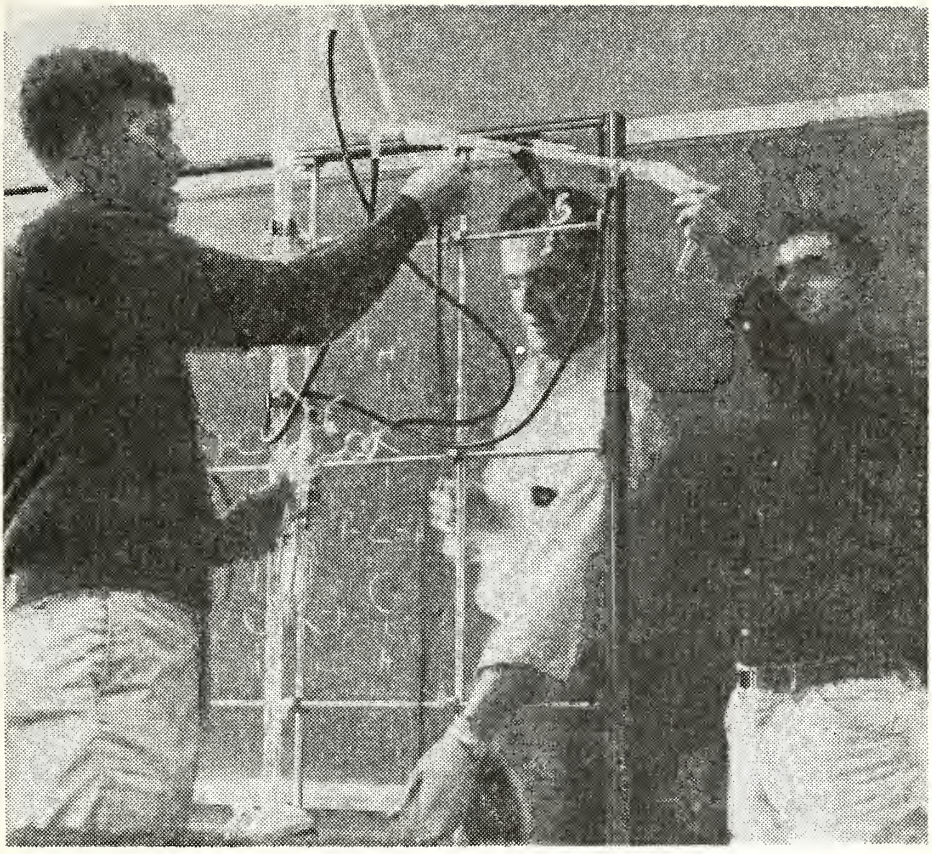
	S.H.
General Education	65
(Courses common to all the Arts and Sciences with the following exceptions: Replace **Man and the Physical Universe** by Phys 201, **General Physics I. Fundamental Concepts in Math I and II** will be replaced by Ma 210 and Ma 211, **Analytic Geometry and Calculus I and II.**)	
Area of Specialization	36
Ma 212 Analytic Geometry and Calculus III	3
Ma 213 Analytic Geometry and Calculus IV	3
Ma 215 Differential Equations	3
Ma 220 Linear Algebra and Matrix Theory	3
Ma 221 Modern Algebra I	3
Ma 250 Probability and Statistics I	3
Ma 315 Advanced Calculus I	3
Ma 316 Advanced Calculus II	3
Ma 370 Introduction to Applied Mathematics	3
Mathematics Electives (to be chosen under departmental advisement)	9
Electives (Chosen under departmental supervision)	27
(At least 4 semester hours must be chosen from **Phys 202, General Physics II,** and courses for which Phys 202 is a prerequisite.)	
TOTAL SEMESTER HOURS	128

BIOLOGY MAJOR

	S.H.
General Education	65
(In General Education the student should elect Chem 201, **General Chemistry I,** and Phys 201, **General Physics I,** instead of Bio 101, **Man and the Biological World,** and Phys 101, **Man and the Physical Universe.**)	
Area of Specialization	35
Bio 201 Zoology I	4
Bio 202 Zoology II	4
Bio 203 Botany I	4
Bio 204 Botany II	4
Bio 303 Field Botany	3
Bio 310 Ecology	3
Bio 331 Vertebrate Anatomy	3
Bio 332 Physiology	3
Bio 340 Genetics	3
Bio 355 Microbiology	3
Bio 404 Biology Seminar	1
Electives (Chosen under departmental supervision)	16
Free Electives	12
TOTAL SEMESTER HOURS	128

CHEMISTRY MAJOR

General Education	65
(Courses common to all the Arts and Sciences with the following exceptions: Replace **Man and the Physical Universe** with Phys 201, **General Physics I,** and Math 101 and 102 with Math 210 and 211, **Analytic Geometry and Calculus I and II.**	
Area of Specialization	38
Chem 201 General Chemistry I	4
Chem 202 General Chemistry II	4
Chem 213 Quantitative Analysis	4
Chem 214 Instrumental Analysis	3
Chem 221 Organic Chemistry I	4
Chem 222 Organic Chemistry II	4
Chem 251 Physical Chemistry I	4
Chem 252 Physical Chemistry II	4
Chem 325 Qualitative Organic Analysis	3
Chem 403 Advanced Inorganic Chemistry	4
Electives	25
Chosen under departmental supervision and should include:	
Math 212 Analytic Geometry and Calculus III	3
Phys 202 General Physics II	4
TOTAL SEMESTER HOURS	128



GEOGRAPHY MAJOR

		S.H.
General Education		65
(Courses common to all the Arts and Sciences with the following exception: Under restricted electives select two of the following — Economics, Sociology, Anthropology.)		
Area of Specialization		36
Geog 201	Physical Geography	3
Geog 202	Cultural Geography	3
Geog 205	Economic Geography I	3
Geog 211	Meteorology	3
Geog 220	Physical Geology	3
Geog 230	Cartography and Graphics	3
	Regional Geography Elective, (300 series)	3
	Geography Electives	9
	Social Science Electives (Department approval required)	6
Electives		27
(As described under the general requirements of program of studies leading to the Bachelor of Arts degree, and with department supervision.)		
TOTAL SEMESTER HOURS		128

HISTORY MAJOR

	S.H.
General Education	65
(Courses common to all the Arts and Sciences with the following exceptions: Under restricted electives, Geog 201, **Physical Geography** and Geog 202, **Cultural Geography,** are required. Hist 201, **Ancient World,** and Hist 202, **Medieval Europe,** in lieu of **World Civilization I and II.**)	
Area of Specialization	36
(Must include a minimum of 6 semester hours in each of American, European and Non-Western.)	
History	
American	6
European	6
Non-Western	6
History Electives	9
Pol Sci 201 American Government	3
Anthro 201 Introduction to Anthropology	3
Econ 201 Principles of Economics	3
Electives	27
Electives under department advisement and approval	18
Free Electives	9
TOTAL SEMESTER HOURS	128

SOCIAL SCIENCE MAJOR

General Education	65
(Courses common to all the Arts and Sciences with the following exceptions: Under restricted electives, Geog 201, **Physical Geography,** and Geog 202, **Cultural Geography,** are required. Hist 201, **Ancient World,** and Hist 202, **Medieval Europe,** in lieu of **World Civilization I and II.**)	
Area of Specialization	36
Pol Sci 201 American Government	3
Econ 201 Principles of Economics	3
Anthro 201 Introduction to Anthropology	3
Soc 201 Principles of Sociology	3
History Electives	6
Electives in Anthropology, Economics, Sociology, Political Science	6
Free Electives in Social Science	12
Electives	27
Electives under department advisement and approval	18
Free Electives	9
TOTAL SEMESTER HOURS	128

COURSE DESCRIPTIONS

ART

Art 101 INTRODUCTION TO ART

A study of representative works of art through the ages for both increased aesthetic perception and deepened awareness of universal human experience.

Two Semester Hours

Art 240 PRINCIPLES OF DESIGN

Creative experience through a variety of media applying design principles and elements to art products for individual and family needs.

Two Semester Hours

Ed El (Art) 282 TEACHING ART IN THE ELEMENTARY GRADES

The philosophy and principles of art education in the Elementary curriculum; experience in the development of self-expression through a variety of materials and activities as the basis for understanding and evaluating children's work. Required of all elementary majors.

Three Semester Hours

Art 301 ANCIENT AND MEDIEVAL ART

A comprehensive study of architecture, sculpture, painting and minor arts from the paleolithic period to the Renaissance; emphasis on aesthetic values as well as historical currents. Prerequisite: Art 101.

Three Semester Hours

Art 302 ART OF THE RENAISSANCE

A comprehensive study of architecture, sculpture and painting in Italy, Flanders, Holland, Germany, England, France, and Spain, with emphasis on the general characteristics of the Renaissance. Prerequisite: Art 101.

Three Semester Hours

Art 305 HISTORY OF MODERN ART

A comprehensive study of the development of modern art from nineteenth-century neoclassicism through contemporary movements as abstract-expressionism, pop art and op art; examination of significant movements and artists. Prerequisite: Art 101.

Three Semester Hours

Art 341 ARTS AND CRAFTS I

Creative work in a variety of activities with arts and crafts materials; emphasis on its application to the activities in the elementary and secondary classroom, as well as recreational activity programs, camps, etc. Recommended for students in Elementary, Secondary and Home Economics curricula.

Three Semester Hours

Art 342 ARTS AND CRAFTS II

Continuation of Art 341.

Three Semester Hours

Art 343 ARTS AND CRAFTS IN THE SPECIAL EDUCATION CURRICULUM I

Creative work in a variety of activities with arts and crafts materials with particular emphasis on the needs of special education classes. Required of students concentrating in the area of Special Education.

Three Semester Hours

Art 344 ARTS AND CRAFTS IN THE SPECIAL EDUCATION CURRICULUM II

Continuation of Art 343.

Three Semester Hours

Art 345 DESIGN TECHNIQUES

The creative application of the principles and elements of design and color theory to two and three dimensional design problems; experimentation with a variety of media and materials. Recommended for majors in home economics.

Three Semester Hours

Art 351 DRAWING AND OIL PAINTING I

Figure and still-life drawing in various media; methods and techniques of oil painting. For beginners.

Two Semester Hours

Art 352 DRAWING AND OIL PAINTING II

Continuation of Art 351.

Two Semester Hours

Art 353 ADVANCED DRAWING AND OIL PAINTING I

Advanced problems in drawing and painting; further exploration and experimentation of materials and techniques in drawing and painting.

Two Semester Hours

Art 354 ADVANCED DRAWING AND OIL PAINTING II

Continuation of Art 353.

Two Semester Hours

Art 361 DRAWING AND WATER-COLOR PAINTING I

Problems in drawing of figures, still-life and landscape; methods and techniques of water color painting. For beginners.

Two Semester Hours

Art 362 DRAWING AND WATER-COLOR PAINTING II

Continuation of Art 361.

Two Semester Hours

Art 371 CERAMICS I

Basic, comprehensive and practical application in all hand-forming and simple mold-making, clay methods. Potter's wheel practice; experimental, individual assignments; decorating, glazing, stacking, firing. Emphasis on creative design.

Two Semester Hours

Art 372 CERAMICS II

Continuation of Art 371.

Two Semester Hours

Art 373 ADVANCED CERAMICS I

Advanced problems in the integration of form and function. Development of wheel-throwing methods; simple techniques of pottery reproduction; individual construction. Emphasis upon creative design and aesthetic form. Prerequisite: Art 371 and 372.

Two Semester Hours

Art 374 ADVANCED CERAMICS II

Continuation of Art 373.

Two Semester Hours

Art 381 MODELING

Basic, comprehensive course involving the organization of three dimensional space and matter; simple methods of casting and sculpture, construction; emphasis upon sculptural processes and materials, development of aesthetic form in three dimensions.

Two Semester Hours

Art 382 SCULPTURE

Advanced problems in the organization of three dimensional form and space; work in sculpture construction, casting, modeling, terracotta and carving. Emphasis upon development of sculptural sensitivity as manifested in three-dimensional organization of space and matter. Prerequisite: Art 381.

Two Semester Hours

Art 401 CULTURAL ORIGINS OF THE WEST

A travel-study seminar abroad visiting countries in Western Europe such as England, France, Netherlands, Germany, Austria, Italy, and Yugoslavia; the course is planned as one of intensive study in the humanities of that part of the western world from which our culture springs; lectures conducted throughout the tour by the director, and finalized by the preparation of a term paper by the participants. A general education elective applicable to all curricula.

Six Semester Hours

EDUCATION

Ed 202 EVALUATIVE TECHNIQUES

Elementary statistics, principles of test construction, selection and administration of standardized tests; emphasis on interpreting and reporting test scores; consideration of means of evaluation other than tests. Prerequisite: Psy 101.

Two Semester Hours

Ed 215 AUDIO-VISUAL COMMUNICATION

A study of the field of educational theory and practice concerned with the design and use of messages which control the learning process.

Two Semester Hours

Ed 230 HISTORY AND PHILOSOPHY OF EDUCATION

A study of the development of American public education as an ideal and as an institution with particular emphasis placed upon understanding education as a value-charged activity. Attention is given to current controversy concerning the moral nature of the educational enterprise.

Three Semester Hours

Ed 240 PROBLEMS OF SECONDARY EDUCATION INCLUDING SCHOOL LAW

Practical problems of secondary teaching; school organization and administration; curriculum and co-curricular activities; examination of school law.

Two Semester Hours

Ed El 250 CHILD DEVELOPMENT

An interpretive description of human growth from conception through infancy, toddlerhood, preschool and school years, adolescence and into maturity.

Three Semester Hours

Ed El 260 CHILDREN'S LITERATURE

A study of types of literature useful for children in preschool and elementary school; techniques include the art of dramatic reading, story telling and choral speaking. For majors in English as well as students in the Elementary curriculum.

Three Semester Hours

Ed El (Mus) 280 MUSIC FOR THE ELEMENTARY GRADES

The development of understanding of fundamental musical concepts through the acquisition of basic skills in techniques of singing, piano chording, and aural facility with theoretical problems.

One Semester Hour

Ed El (Mus) 281 TEACHING MUSIC IN THE ELEMENTARY GRADES

Methods and materials for Kindergarten through Sixth grades stressing a basic philosophy of music education, including demonstration, observation, and practice in the use of various teaching aids. Prerequisite: Ed El (Mus) 280.

Two Semester Hours

Ed El (Art) 282 TEACHING ART IN THE ELEMENTARY GRADES

The philosophy and principles of art education in the Elementary curriculum; experience in the development of self-expression through a variety of materials and activities as the basis for understanding and evaluating children's work.

Three Semester Hours

Ed El 283 TEACHING OF READING IN THE ELEMENTARY SCHOOL

The reading process; normal development; characteristics of children learning to read; methods and materials. Prerequisite: Psy 201.

Three Semester Hours

Ed El 284 TEACHING OF ARITHMETIC

Methods of teaching arithmetic; examination of research in the field; application of psychology of learning; development of the skills required by the teacher of arithmetic.

Three Semester Hours

Ed El 285 METHODS I (Teaching of Language, Health and Physical Education)

Principles, problems, materials and techniques for the teaching of speaking, listening, writing and reading; conducting the health and physical education program in the elementary school. Prerequisite: Psy 201.

Four Semester Hours

Ed El 286 METHODS II (Teaching of Social Studies and Science)

Principles, problems, materials and techniques for the teaching of social studies and science in the elementary school. Prerequisite: Psy 201.

Four Semester Hours

Ed El 300 PRESCHOOL EDUCATION

Objectives, equipment and procedures in nursery school and kindergarten; observation in kindergarten classes.

Three Semester Hours

Ed El 325 DIAGNOSTIC AND REMEDIAL READING

Tests and techniques to prevent, detect and correct reading difficulties; special methods and materials for problem readers. Prerequisite: Ed El 283.

Three Semester Hours

Ed 330 GUIDANCE AND COUNSELING TECHNIQUES

The responsibility of the teacher in the guidance program of the school; the identification of student problems; significant information and its use; techniques in guidance and counseling. Prerequisite: Psy 201.

Three Semester Hours

Ed 350 SCHOOL AND COMMUNITY

A study of group and intergroup activities of significance to the school; the dynamics of school and community interaction; the relation of teachers and students to community interests, needs, resources and problems.

Three Semester Hours

Ed 400 STUDENT TEACHING

Practice teaching under supervision of master teachers. Required of all students working for a degree in teacher education.

Twelve Semester Hours

Ed El 401 PROFESSIONAL SEMINAR INCLUDING SCHOOL LAW

Taken in the senior year; orientation and critiques concerned with classroom problems; examination of school law, school organization and administration.

Two Semester Hours

Ed 402 PROFESSIONAL SEMINAR AND TEACHING OF READING IN SECONDARY SCHOOLS

Taken in the senior year; orientation and critiques concerned with classroom problems; basic reading instruction and reading in the content subjects.

Two Semester Hours

Ed 420 GENERAL PHOTOGRAPHY

A basic course to assist the teacher in the use of the camera as a teaching tool and in the supervision of photography clubs. The major part of this course will consist of practice in photographic techniques of picture taking, composition, and darkroom procedures. Some emphasis on the physics of the camera and chemistry of the film and photographic processing. Prerequisite: Permission of the instructor.

Three Semester Hours

Ed 421 TELEVISION PRODUCTION

This course covers the fundamentals and principles involved in the production of the television program. This includes the operation of the TV equipment, production of visuals to be used in TV and the actual production of a program. Prerequisite: Permission of the instructor.

Three Semester Hours

ENGLISH LANGUAGE AND LITERATURE

Eng 101 ENGLISH I

Study and application of the principles of good writing and reading; intensive practice in writing and a functional presentation of English grammar.

Three Semester Hours

Eng 102 ENGLISH II

Continuation of intensive practice in writing, with more attention to critical reading of various literary forms; study and practice in the preparation of the research paper; introduction to semantics and the principles of sound reasoning. Prerequisite: grade of C in English I.

Three Semester Hours

Eng 110 LITERATURE OF THE WESTERN WORLD I

A survey of recognized literary classics from ancient times to the close of the Renaissance. Emphasis upon leading themes, philosophical implication, values and the continuity of Western culture. Prerequisite: Eng 102.

Three Semester Hours

Eng 111 LITERATURE OF THE WESTERN WORLD II

A continuation of English 110 from the Age of Reason to our era. Prerequisite: Eng 102.

Three Semester Hours

Eng 200 SURVEY OF ENGLISH LITERATURE I

Recognized masterpieces of English literature from the Anglo-Saxon period to the eighteenth century; a study of selected works in their historical context with emphasis on interpretation and critical evaluation. Prerequisite: grade of C in English 101 and 102.

Three Semester Hours

Eng 201 SURVEY OF ENGLISH LITERATURE II

A continuation of English 200; a survey of English Literature from the eighteenth century to the present. Prerequisite: A grade of C in English 101 and 102.

Three Semester Hours

Eng 202 SURVEY OF AMERICAN LITERATURE I

A study of major American writers from the colonial period to the Civil War; selected works viewed in their historical context, but with close attention to intrinsic idea, value and form. Prerequisite: grade of C in English 101 and 102.

Three Semester Hours

Eng 203 SURVEY OF AMERICAN LITERATURE II

A continuation of English 202; American literature from the Civil War to the present. Prerequisite: grade of C in English 101 and 102.

Three Semester Hours

Eng 225 ENGLISH PHILOLOGY AND GRAMMAR

Introduction to linguistic science and the major factors in the historical development of the English language; descriptive analysis of current English pronunciation, grammar, and writing system. Required of English Education majors and of students in other departments adding English as a second area of concentration.

Three Semester Hours

Eng 235 ADVANCED COMPOSITION

Intensive writing in area of each student's principal interest. Students not majoring in English admitted only by consent of instructor. Prerequisites: English 101 and 102. Required of English majors.

Three Semester Hours

NOTE: **No student will be admitted to any of the courses listed below unless he has completed one of the following: Eng 110, 111, 200, 201, 202, 203, 210 and 211.**

Eng 250 SHAKESPEARE

A detailed study of selected earlier plays of Shakespeare; interpretation and evaluation, with attention to his development as a dramatist and poet. Eng 250 or 251 required of English majors.

Three Semester Hours

Eng 251 SHAKESPEARE

A detailed study of selected later plays.

Three Semester Hours

Ed El 260 CHILDREN'S LITERATURE

A study of types of literature useful for children in preschool and elementary school: techniques including the art of dramatic reading, story telling and choral speaking. Offered by the Education Department.

Three Semester Hours

Eng 290 TEACHING ENGLISH IN THE SECONDARY SCHOOL

Examination of the objectives, professional requirements and specialized problems of English instruction; survey of materials and aids for the teaching of the language arts in junior and senior high school; analysis of methods and trends, and practice in the development and presentation of programs of study.

Three Semester Hours

Eng 300 JOURNALISM

The fundamentals of journalism: reporting, writing, editing; news, feature, free-lancing, make-up; efficient aids in handling a school paper. Recommended for English majors.

One to Three Semester Hours

Eng 302 THE SHORT STORY

Close reading and critical analysis of the short story as a literary form; consideration of aesthetic aspects, philosophical implications of the work.

Three Semester Hours

Eng 311 OLD AND MIDDLE ENGLISH LITERATURE

A study of representative works in English Literature from the Anglo-Saxon period to 1500.

Three Semester Hours

Eng 312 CHAUCER

A study of the works of Chaucer in relation to his times, with special emphasis on **The Canterbury Tales** and **Troilus and Cressida.**

Three Semester Hours

Eng 313 EIGHTEENTH-CENTURY ENGLISH LITERATURE

A study of major English writers representing the Age of Reason and the pre-Romantic current; an examination of the basic ideas and values of neoclassicism in its historical setting.

Three Semester Hours

Eng 314 MILTON

A study of Milton, his times, and his major works.

Three Semester Hours

Eng 315 THE ROMANTIC MOVEMENT

Wordsworth, Coleridge, Byron, Shelley, Keats, and their contemporaries; reading and discussion, with attention to the social and ideological factors, as well as the poetic theory, shaping their work.

Three Semester Hours

Eng 316 SEVENTEENTH-CENTURY ENGLISH LITERATURE

A study of the prose and non-dramatic poetry of the period with emphasis on Jonson, Donne, and Dryden.

Three Semester Hours

Eng 317 VICTORIAN POETRY AND PROSE

A study of major British writers from 1830 to 1900, tracing the relation of their work to social and intellectual influence of the period.

Three Semester Hours

Eng 319 WORLD DRAMA

The work of major dramatists to Ibsen; a study of the drama in relation to its social, political and intellectual background.

Three Semester Hours

Eng 320 THE BRITISH NOVEL TO 1870

Principal British novelists from Defoe to Dickens; analysis of form and meaning; examination of their work in relation to main social and intellectual trends.

Three Semester Hours

Eng 321 THE BRITISH NOVEL SINCE 1870

Significant British novels from 1870 to the present.

Three Semester Hours

Eng 322 MODERN DRAMA

The work of major dramatists from Ibsen to the present; studied categorically rather than chronologically; criticism, interpretation and analysis of techniques of dramatic composition, production and performance.

Three Semester Hours

Eng 323 MODERN POETRY

An intensive study of dominant British and American poets from G. M. Hopkins and Thomas Hardy to Eliot, Auden and Dylan Thomas; analysis of poetic method and the integral nature of form and meaning.

Three Semester Hours

Eng 324 ENGLISH DRAMA TO 1890

A survey of English dramatic literature beginning with the medieval morality and miracle plays.

Three Semester Hours

Eng 330 LITERARY CRITICISM

Examination of the major theories of literary criticism from Aristotle to the present, with practical application to literature representing the various genres. Prerequisite: At least six hours of literature beyond Eng 110 and 111 or consent of instructor.

Three Semester Hours

Eng 335 CREATIVE WRITING

The writing of literary prose or verse under individual guidance and criticism. Admission only by consent of instructor.

Three Semester Hours

Eng 350 THE NOVELETTE

An historical survey of this distinct literary form from Boccacio to Katherine Ann Porter; examination of masterpieces of American, British, and Continental short fiction.

Three Semester Hours

Eng 351 AMERICAN NOVEL

The American novel from Cooper to the present, with special emphasis on Hawthorne, Melville, Henry James, Hemingway, and Faulkner.

Three Semester Hours

Eng 390 TEACHING DEVELOPMENTAL READING IN THE SECONDARY SCHOOL

An examination of the problems involved in identifying and aiding the handicapped reader in the junior and senior high school. Practical application of principles and techniques.

Three Semester Hours

Eng 400 DIRECTED STUDY

Individual study under the direction of a faculty member appointed by the department chairman. Prerequisite: at least eighteen hours of literature beyond Eng 110 and 111 or consent of instructor.

Credit Arranged

Eng 401 SEMINAR IN ENGLISH STUDIES

Intensive reading and discussion of a major writer; class enrollment restricted to twelve to encourage the fullest possible student participation; basic bibliographic sources used for several long documented papers. Prerequisite: open only to juniors and seniors or with permission of the instructor.

Three Semester Hours

HEALTH AND PHYSICAL EDUCATION

HPE 100 HEALTH (Personal and Community)

Instruction in principles and practices serving personal and community health; factors promoting physical and mental hygiene, the responsibilities of the citizen for public health, problems in personal and community health. Includes individual counseling and guidance.

One Semester Hour

HPE 101-104 PHYSICAL EDUCATION

Four semesters of physical education, completed with satisfactory rating, are required for graduation. Emphasis on the development of fundamental skills in seasonal activities for individual, dual, and team participation. Four Semesters.

One Semester Hour

HOME ECONOMICS

HEc 200 HOME ECONOMICS ORIENTATION

Survey of home economics philosophy and professional orientation. Emphasizes historical and sociological development of the family as the core of home economics.

One Semester Hour

HEc 201 CLOTHING CONSTRUCTION, SELECTION AND PURCHASING

Color and design principles for the individual; study of fashion, wardrobe planning and analysis, clothing purchasing. Fabric adaptation, pattern selection and alteration, construction of a skirt and dress using a variety of techniques.

Four Semester Hours

HEc 202 ELEMENTARY TEXTILES

Recognition, use and care of textiles related to characteristics of fibers, yarns, fabric construction, and finishes.

Two Semester Hours

HEc 203 TAILORING

Construction of tailored garments with emphasis on comparing tailoring construction techniques; selection of pattern, fabric design and texture, fitting problems. Prerequisite: HEc 201.

Three Semester Hours

HEc 210 SOCIAL USAGE

Essentials of good manners and accepted standards of social usage.

One Semester Hour

HEc 215 FOODS AND NUTRITION I

A dietary study of the basic food groups. The application of physical and chemical principles as related to the selection, preparation, and preservation of food.

Four Semester Hours

HEc 216 FOODS AND NUTRITION II

Meal management in relation to the needs of the family. Study of the current food supply and marketing practices. Styles of meal service, mealtime procedures, and etiquette at the table.

Four Semester Hours

HEc 221 CONSUMER ECONOMICS AND FAMILY FINANCE

Principles of economics affecting consumer choice; status symbols, custom, advertising. Stresses family decisions: budgeting, "best buys," banking, insurance, investments, credit, taxes, and estate planning.

Three Semester Hours

HEc 223 HOUSING AND HOME FURNISHINGS

Artistic, economic, physical, psychological, and sociological affect of housing on the family; topics include architecture, house planning, construction, furnishings, financing and special housing problems. Laboratory experience and field trips.

Three Semester Hours

HEc 224 HOME MANAGEMENT AND HOUSEHOLD EQUIPMENT

Selection, use and care of home equipment; the management of individual and family resources as related to human needs, values, and goals throughout the life cycle of the family.

Three Semester Hours

HEc 225 HOME MANAGEMENT (Residence)

Residence in the home management house providing experience in management and family living.

Three Semester Hours

HEc 231 CHILD DEVELOPMENT AND NURSERY SCHOOL

Study of children from conception through six years of age; their physical, mental, emotional and social development. Four hours laboratory per week provides directed observation and participation in the college nursery school.

Four Semester Hours

HEc 235 FAMILY RELATIONSHIPS

Study of the family throughout the life cycle; emphasis on factors promoting satisfying relationships in courtship and marriage; influences of values in society upon family life.

Three Semester Hours

HEc 240 THE ADOLESCENT

Relation of family and education to the social order, with emphasis on the characteristics and needs of adolescents; factors of competency which contribute to effective teaching; philosophy underlying the program at the secondary level.

Three Semester Hours

HEc 290 TEACHING OF HOME ECONOMICS

Emphasis on the two major goals of home economics education at the secondary level for homemaking and for employment. Includes organization and administration, methods of teaching, evaluation, and curriculum at all levels served through public education. Prerequisite: HEc 240.

Five Semester Hours

HEc 301 ADVANCED TEXTILES

Identification, purchase, use and care of textiles; fibers, fabrics and finishes; recent market developments, and labeling legislation and consumer practice.

Three Semester Hours

HEc 303 ADVANCED CLOTHING

Flat pattern methods in understanding the principles of pattern fitting and alterations and in creating designs for construction.

Three Semester Hours

HEc 304 ADVANCED HOME FURNISHINGS AND INTERIOR DESIGN

Detailed study of furniture styles and periods; special attention to interior design, kitchen and bathroom decor, lighting, remodeling. Laboratory experience in interior design and field trips supplement classwork.

Three Semester Hours

HEc 305 SPECIAL PROBLEMS IN CLOTHING

This course is concerned with the individual's special problems in clothing. Problems centered around hand detailing, decorative techniques, designers, the fashion market, children's clothing, millinery, skills and techniques of dressmaking with particular attention to individual problems. Special emphases are placed upon new, timesaving methods and techniques.

Three Semester Hours

HEc 317 NUTRITION

Study of nutrients, metabolism and nutritional needs of individuals throughout the stages of the life cycle. Diets are calculated at various income levels. Special emphasis is given to current research, food fads and fallacies, and consumer protection. Prerequisite: eight semester hours in foods and nutrition or consent of the instructor.

Three Semester Hours

HEc 318 ADVANCED FOODS

An extension of the concepts of food principles as related to the preparation and service of food, including aesthetic and cultural implications. Food demonstrations, individual and group preparation provide experience for the evaluation of food for various occasions.

Three Semester Hours

HEc 319 ADVANCED CHILD DEVELOPMENT

Advanced study in child development with emphasis on current research and readings dealing with children. Special attention to the development of the school age child; techniques of child guidance and the process of organizing and selecting materials and equipment for a nursery school.

Three Semester Hours

HEc 322 SPECIAL PROBLEMS IN HOME ECONOMICS

Individual investigation of problems related to teaching of Home Economics in the secondary school or in any of the areas studied in home economics such as child development, family finance, foods and nutrition, clothing and textiles, etc.

One to Four Semester Hours

HEc 355 CURRENT TRENDS AND RECENT DEVELOPMENTS IN HOME ECONOMICS

Analysis and interpretation of the sociological and economic changes that have occurred in our society and how these have affected the home economics curriculum; with special emphasis on the integration of these into the curriculum.

Three Semester Hours

Ed (HEc) 400 STUDENT TEACHING AND RELATED ACTIVITIES

Student teachers live in typical communities and teach in departments which include broad areas of home economics in the curriculum. Instruction is under the supervision of the local supervising teacher and the college Vocational Education teacher educator. A two-week seminar at the end of the semester provides for study and help with professional problems and an exchange of ideas and experiences.

Twelve Semester Hours

LIBRARY EDUCATION

Lib 211 INTRODUCTION TO LIBRARIANSHIP

Designed to orient the student in the field of library service. The development and function of the library as a social institution; types of libraries, cooperation and planning; current trends; the professional status of the librarian.

Three Semester Hours

Lib 212 LIBRARY ORGANIZATION AND ADMINISTRATION

The organization of the school library for effective service to faculty and students; emphasis on the library as an information center and the changing role of the librarian from a service person to that of a leader into the mainstream of today's education. Planning the modern library; practical approach to library services, and general business procedures.

Three Semester Hours

Lib 221 REFERENCE SERVICES AND MATERIALS

Fundamental reference sources, bibliographical method and searching techniques, the philosophy and administrative aspects of reference work. Practice in the use of reference sources; analysis of reference questions and the preparation of a simple bibliography.

Three Semester Hours

Lib 242 CATALOGING AND CLASSIFICATION

The principles of cataloging, subject analysis, classification and bibliographical method. Practice in the use of the Dewey Decimal Classification and the choice and form of subject headings.

Three Semester Hours

Lib 260 LITERATURE FOR CHILDREN

Criteria of evaluation; with emphasis on types of books that meet the needs of children; practice in writing annotations; reading guidance; the background of authors and illustrators.

Three Semester Hours

Lib 261 LITERATURE FOR YOUNG ADULTS

A study of literature for the adolescent; with emphasis on the needs, interests and abilities of readers. Problems related to the selection of materials; practice in writing annotations; critical analysis of research in the field.

Three Semester Hours

Lib 262 THE LIBRARY AND THE ADULT READER

Analysis of research in the reading of adults; a study in the library's responsibility for the promotion of reading; methods of evaluation and the practice of writing critical annotation.

Three Semester Hours

Lib 263 STORY TELLING

The selection and presentation of stories for children; a function of public and school libraries. Emphasis on the selection and adaptation of stories for children of various ages; story cycles, methods of learning and practice in telling stories.

Three Semester Hours

Lib 280 CLASSIFICATION AND CATALOGING OF NON-BOOK MATERIALS

Techniques of selection, acquisition, cataloging and classification of non-book materials; the organization and operation of the library as an instructional materials center. Prerequisite: Lib 242.

Three Semester Hours

Lib 286 BOOK SELECTION

An examination of the principles guiding the selection of books for library purposes and of those influences inhibiting freedom of choice of materials. Sources evaluated; cooperative acquisition among libraries, and the technique of book reviewing.

Three Semester Hours

Lib 391 DIRECTED STUDY

Individual study under the direction of a faculty member appointed by the department director.

Three Semester Hours

Ed (Lib) 400 STUDENT TEACHING

Supervised library practice in elementary, junior high school, and senior high school.

Twelve Semester Hours

MATHEMATICS

Ma 100 ALGEBRA AND TRIGONOMETRY

Set notation, coordinate systems, functions, circular functions, trigonometric formulas, linear and quadratic function, irrational equations, variations, polynomial functions, theory of equations, inverse functions, graphing of circular functions, mathematical induction, binomial expansion, complex numbers, permutations, combinations, and probability.

Three Semester Hours

Ma 101 FUNDAMENTAL CONCEPTS IN MATHEMATICS I

Set notation, numbers and numerals, change of base, operational postulates, modulo systems, abstract mathematical systems, groups, fields, integers, rationals, reals, complex numbers, (1-1) correspondence, functions, and symbolic logic.

Three Semester Hours

Ma 101 and 102 form a terminal sequence for general cultural purposes. Except when a student's department stipulates that the course sequence must be completed, Ma 101 may be taken for credit independently of Ma 102.

Ma 102 FUNDAMENTAL CONCEPTS IN MATHEMATICS II

Treats, coordinate systems, analytic geometry, inequalities, linear programming, analytic trigonometry, algebra concepts, elementary statistics, and an introduction to calculus. Prerequisite: Ma 101.

Three Semester Hours

Ma 210 ANALYTIC GEOMETRY AND CALCULUS I

The rate of change of a function, derivatives of algebraic functions, applications, integration. Prerequisite: Ma 100 or equivalent.

Three Semester Hours

Ma 211 ANALYTIC GEOMETRY AND CALCULUS II

Applications of the definite integral, transcendental functions, methods of integration, determinants and linear equations. Prerequisite: Ma 210.

Three Semester Hours

Ma 212 ANALYTIC GEOMETRY AND CALCULUS III

Plane analytic geometry, hyperbolic functions, polar coordinates. vectors and parametric equations, solid geometry and vectors. Prerequisite: Ma 211.

Three Semester Hours

Ma 213 ANALYTIC GEOMETRY AND CALCULUS IV

Partial differentiation, multiple integrals, infinite series, complex numbers and functions. Prerequisite: Ma 212.

Three Semester Hours

Ma 215 DIFFERENTIAL EQUATIONS

Exact equations, integrating factors, linear differential equations, simultaneous equations, first or order equations, homogeneous linear equations and constant coefficients, operators, variation of parameters, applications, linear differential equations with non-constant coefficients, solution by series, the Bessel equation, numerical analysis methods, transform methods and existence theorems. Prerequisite: Ma 213 or concurrent enrollment.

Three Semester Hours

Ma 220 LINEAR ALGEBRA AND MATRIX THEORY

Matrices, matrix operations, solutions of linear systems, transposes, adjoints, inverses, mappings, one to one mappings, linear transformations, vectors, vector spaces, subspaces, bases, linear dependence, change of basis and applications (linear programming, etc). Prerequisite: Ma 213 or concurrent enrollment.

Three Semester Hours

Ma 221 MODERN ALGEBRA

Congruences, groups, fields, integral domains, rings, algebra of classes, Boolean algebra, transfinite arithmetic and polynomial forms. Prerequisite: Ma 213 or concurrent enrollment.

Three Semester Hours

Ma 230 MODERN GEOMETRY

Emphasis on the axiomatic approach. Advanced Euclidean geometry and non-Euclidean geometry. Introduction to projective geometry. Prerequisite: Ma 213 or concurrent enrollment.

Three Semester Hours

Ma 250 PROBABILITY AND STATISTICS I

Set theory and logic. Probability: sample spaces and distributions. Typical methods of sampling and hypothesis testing. Restricted to a study of discrete sample spaces, hence calculus is not a prerequisite. Prerequisite: Ma 100 or equivalent.

Three Semester Hours

Ma 270 HISTORY AND PHILOSOPHY OF MATHEMATICS

A study of the chronological development of mathematics from prehistoric times to the present, emphasizing the great contributors to mathematics and tracing the development of the content of each area of elementary mathematics. Prerequisite: Ma 213 or concurrent enrollment.

Three Semester Hours

Ma 290 TEACHING MATHEMATICS IN THE SECONDARY SCHOOL

Consideration of the place and purpose of mathematics in secondary education; examination of curriculum problems; study of methods, techniques, and psychology in the teaching of algebra and geometry, study and interpretation of the recommendations of the Commission on Mathematics, School Mathematics Study Group and similar committees. Prerequisites: Ma 221 and Ma 230.

Two Semester Hours

Ma 310 NUMERICAL ANALYSIS AND PROGRAMMING

Introduction to digital and analog computer programming. Finite differences; approximation methods; applications. Prerequisite: Ma 215 or concurrent enrollment.

Three Semester Hours

Ma 315 ADVANCED CALCULUS I

The real number system. Emphasis on the concepts and theory of calculus: functions, limits, continuity, mean value theorem for functions of one variable and of several variables; integration; partial derivatives; implicit functions; improper integral. Prerequisite: Ma 213 or concurrent enrollment.

Three Semester Hours

Ma 316 ADVANCED CALCULUS II

Emphasis will be placed on the development of the theory of partial differentiation, infinite series, power series, uniform convergence, line and surface integrals, and some special functions. Prerequisite: Ma 315.

Three Semester Hours

Ma 318 COMPLEX VARIABLES

A first course in complex variables. Complex numbers, analytic functions, elementary functions, mappings by elementary functions, integrals, power series, residues, poles, conformal mappings. Prerequisite: Ma 213.

Three Semester Hours

Ma 320 BOOLEAN ALGEBRA AND SYMBOLIC LOGIC

Set theory, propositional calculus, Boolean Algebra, applications, symbolic logic and applications via probability theory. Prerequisite: Ma 221.

Three Semester Hours

Ma 321 LINEAR PROGRAMMING AND THEORY OF GAMES

Review of basic concepts in linear algebra, convex sets, development of the simplex method, applications, and theory of games. Prerequisite: Ma 220.

Three Semester Hours

Ma 322 MODERN ALGEBRA II

A continuation of Ma 221 consisting of a more detailed study of some of the algebraic systems: Groups, rings, unique factorization domains, fields, Galois Theory.

Three Semester Hours

Ma 325 NUMBER THEORY

Divisibility theory, congruences and residue classes, Diophantine equations, number theoretic functions are among the topics studied. Prerequisite: Ma 213.

Three Semester Hours

Ma 330 MODERN GEOMETRY II

Geometry of a point and a line, the projective plane, conics, non-Euclidean applications in three space.

Three Semester Hours

Ma 340 INTERMEDIATE DIFFERENTIAL EQUATIONS

A course in series solutions of differential equations. Some associated special functions such as Bessel functions and LeGendre Polynomials will be studied. Prerequisite: Ma 215.

Three Semester Hours

Ma 345 PARTIAL DIFFERENTIAL EQUATIONS

Solutions of partial differential equations and boundary value problems; LaPlace transforms, Fourier series and transforms. Prerequisite: Ma 215.

Three Semester Hours

Ma 350 PROBABILITY AND STATISTICS II

Continuous sample spaces, limit theorems, stochastic processes, Markov chains, nature of statistical inference, and applications. Prerequisites: Ma 213 and Ma 250.

Three Semester Hours

Ma 360 TOPOLOGY

An introductory course in point-set topology. Set theory, metric spaces, topological spaces, connectedness, compactness. Prerequisite: Ma 213.

Three Semester Hours

Ma 370 INTRODUCTION TO APPLIED MATHEMATICS

A course to illustrate the principles and basic styles of thought in solving physical problems by mathematical methods. Particle dynamics, diffusion processes, wave equations, and Fourier analysis. Prerequisite: Ma 215.

Three Semester Hours

Ma 401 SELECTED TOPICS IN MATHEMATICS

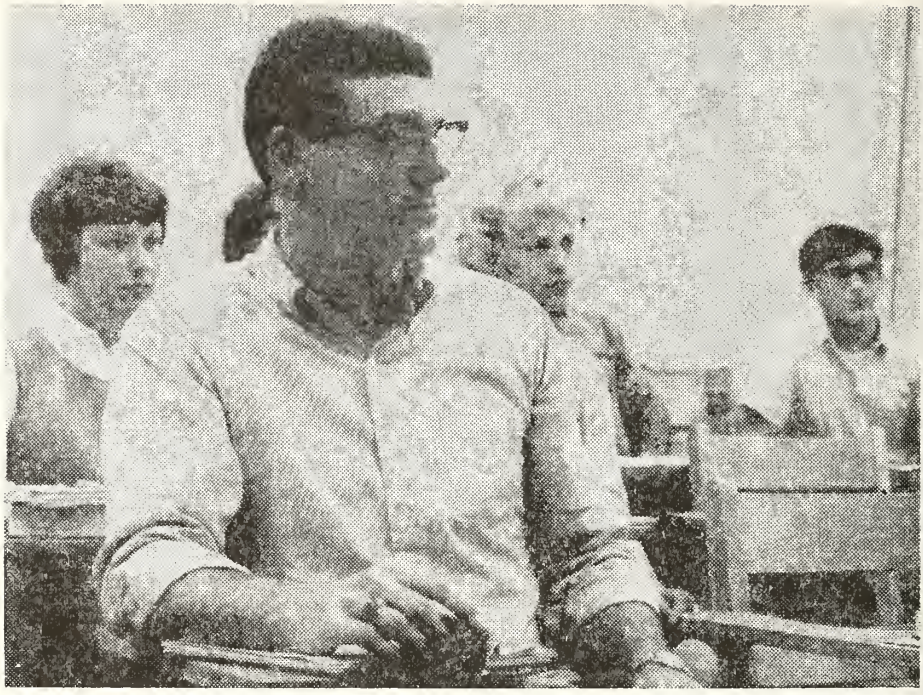
Selections from Topology, Group Theory, Game Theory, Matrix Theory, Real Analysis, etc. Prerequisite: Senior or advanced junior standing and consent of the instructor.

Credit Arranged

Ma 402 SEMINAR IN MATHEMATICS

Papers from the American Mathematical Monthly, comparable journals, and various advanced references will be presented and discussed by the students. Continuous reading and participation will be required. Prerequisite: Ma 316 or Ma 360 or Ma 322.

Three Semester Hours



MODERN FOREIGN LANGUAGES

FRENCH

(In addition to the scheduled three class meetings, all introductory and intermediate language students are required to spend at least two periods per week in the language laboratory.)

Fr 101 INTRODUCTORY FRENCH

For students who have not previously studied French. Elements of grammar and reading, intensive drill in pronunciation, aural comprehension and speaking.

Language Lab attendance is required twice a week. Three Semester Hours

Fr 102 INTRODUCTORY FRENCH

Continuation of Fr 101. Prerequisite: One year of secondary school French, or Fr 101 or its equivalent.

Language Lab attendance is required twice a week. Three Semester Hours

Fr 201 INTERMEDIATE FRENCH

Independent reading, grammar review, and further practice in aural comprehension and speaking. Prerequisite: Two years of secondary school French or one year of college French.

Language Lab attendance is required twice a week. Three Semester Hours

Fr 202 INTERMEDIATE FRENCH

Continuation of Fr 201. Prerequisite: Two years of secondary school French or Fr 201.

Language Lab attendance is required twice a week. Three Semester Hours

Fr 225 APPLIED LINGUISTICS IN FRENCH

Introduction to French linguistics emphasizing the practical application of the structural patterns of French, namely, syntax, morphology, and phonology. Required of all French majors. Prerequisite: Fr 202 or three years of secondary school French.

Three Semester Hours

Fr 290 THE TEACHING OF FRENCH

A study of the teaching of French with an emphasis on the problems, methods, and materials associated with language teaching. Required of all French majors.

Three Semester Hours

Fr 301 SURVEY OF FRENCH LITERATURE

Selected readings in the works of major French writers through the eighteenth century; outside reading and reports in French; consideration of literary movements, style and form. Prerequisite: French 202 or three years of secondary school French.

Three Semester Hours

Fr 302 SURVEY OF FRENCH LITERATURE

Selected readings in the works of major French writers since 1800; outside reading and reports in French; consideration of literary movements, style and form. Prerequisite: Fr 202 or three years of secondary school French.

Three Semester Hours

Fr 305 CONVERSATIONAL FRENCH AND CIVILIZATION

Intensive practice in speaking French for students interested particularly in developing fluency in the language. Emphasis on topics dealing with social, political, economic, and cultural problems. Prerequisite: Fr 202 or equivalent.

Three Semester Hours

Fr 331 FRENCH CLASSICAL DRAMA

A study of selected plays of Corneille, Racine and Moliere, with attention to the early history of French drama; outside reading and reports. Prerequisites: Fr 301 and 302 or equivalent.

Three Semester Hours

Fr 332 FRENCH DRAMA SINCE THE SEVENTEENTH CENTURY

A study of representative dramatists from Marivaux and Voltaire to Giraudoux, Sartre and Anouilh; outside reading and reports. Prerequisites: Fr 301 and 302, or equivalent.

Three Semester Hours

Fr 341 THE NOVEL IN FRANCE

Extensive reading in major works of French novelists since the seventeenth century; consideration of literary movements, background influences, form and style; outside reading and reports. Prerequisites: Fr 301 or 302, or equivalent.

Three Semester Hours

Fr 342 THE NOVEL IN FRANCE

Continuation of Fr 341, but may be taken separately.

Three Semester Hours

Fr 350 SENIOR SEMINAR

Special study projects in French language and literature; independent reading in defined areas, followed by written analytical reports in French. For advanced French majors with senior standing.

Credit Arranged

GERMAN

(In addition to the scheduled three class meetings, all introductory and intermediate language students are required to spend at least two periods per week in the language laboratory.)

Ger 101 INTRODUCTORY GERMAN

For students who have not previously studied German. Elements of grammar and reading, intensive drill in pronunciation, aural comprehension and speaking.

Language Lab attendance is required twice a week. Three Semester Hours

Ger 102 INTRODUCTORY GERMAN

Continuation of Ger 101. Prerequisite: One year of secondary school German, or Ger 101 or its equivalent.

Language Lab attendance is required twice a week. Three Semester Hours

Ger 201 INTERMEDIATE GERMAN

Independent reading, grammar review, and further practice in aural comprehension and speaking. Prerequisite: Two years of secondary school German or one year of college German.

Language Lab attendance is required twice a week. Three Semester Hours

Ger 202 INTERMEDIATE GERMAN

Continuation of Ger 201. Prerequisite: Two years of secondary school German or German 201.

Language Lab attendance is required twice a week. Three Semester Hours

Ger 225 APPLIED LINGUISTICS IN GERMAN

Introduction to German linguistics emphasizing the practical application of the structural patterns of German, namely, syntax, morphology, and phonology. Required of all German majors. Prerequisite: Ger 202 or three years of secondary school German.

Three Semester Hours

Ger 290 THE TEACHING OF GERMAN

A study of the teaching of German with an emphasis on the problems, methods, and materials associated with language teaching. Required of all German majors.

Three Semester Hours

Ger 301 SURVEY OF GERMAN LITERATURE

Introductory course to acquaint students with literary movements and representative writers from its beginning through the 19th century. Prerequisite: German 202 or three years of secondary school German.

Three Semester Hours

Ger 302 SURVEY OF GERMAN LITERATURE

Continuation of Ger 301.

Three Semester Hours

Ger 305 CONVERSATIONAL GERMAN AND CIVILIZATION

Intensive practice in speaking German for students interested particularly in developing fluency in the language. Emphasis on topics dealing with social, political, economic, and cultural problems. Prerequisite: German 202 or equivalent.

Three Semester Hours

Ger 320 MODERN GERMAN LITERATURE

A study of the representative works of the principal German writers of the nineteenth and twentieth century. Selections are read and discussed. Individual oral and written reports. Prerequisite: Ger 202 or three years of secondary school German.

Three Semester Hours

Ger 321 MODERN GERMAN LITERATURE

Continuation of Ger 320.

Three Semester Hours

Ger 331 GERMAN CLASSICAL DRAMA

A survey of German classical drama, with reading, analysis and discussion of the principal dramatic works of Lessing, Schiller, and Goethe. Prerequisites: Ger 301 and 302, or equivalent.

Three Semester Hours

Ger 332 MODERN GERMAN DRAMA

A study of major German dramatists from Tieck and Hebbel to Hauptmann and other moderns; consideration of literary movements and background influences. Prerequisites: German 301 and 302, or equivalent.

Three Semester Hours

Ger 340 GERMAN POETRY

A study of the works of major poets from a number of literary periods. Various critical approaches will be used and discussed. Individual oral and written reports. Prerequisites: Ger 301 and 302, or 320 and 321.

Three Semester Hours

Ger 341 THE NOVEL AND SHORT STORY IN GERMAN LITERATURE

A study of major works of German fiction; outside reading, class discussion and reports emphasizing literary movements, ideas, form and style. Prerequisites: Ger 301 and 302, or equivalent.

Three Semester Hours

Ger 342 THE NOVEL AND SHORT STORY IN GERMAN LITERATURE

Continuation of Ger 341, but may be taken separately.

Three Semester Hours

Ger 350 SENIOR SEMINAR

Special study projects in German language and literature; independent reading in defined areas, followed by written analytical reports in German. For advanced German majors with senior standing.

Credit Arranged

SPANISH

(In addition to the scheduled three class meetings, all introductory and intermediate language students are required to spend at least two periods per week in the language laboratory.)

Span 101 INTRODUCTORY SPANISH

For students who have not previously studied Spanish. Elements of grammar and reading, intensive drill in pronunciation, aural comprehension and speaking.

Language Lab attendance is required twice a week. Three Semester Hours

Span 102 INTRODUCTORY SPANISH

Continuation of Span 101. Prerequisite: One year of secondary school Spanish, or Span 101 or its equivalent.

Language Lab attendance is required twice a week. Three Semester Hours

Span 201 INTERMEDIATE SPANISH

Independent reading, grammar review, and further practice in aural comprehension and speaking. Prerequisite: Two years of secondary school Spanish or one year of college Spanish.

Language Lab attendance is required twice a week. Three Semester Hours

Span 202 INTERMEDIATE SPANISH

Continuation of Span 201. Prerequisite: Two years of secondary school Spanish or Span 201.

Language Lab attendance is required twice a week. Three Semester Hours

Span 225 APPLIED LINGUISTICS IN SPANISH

Introduction to Spanish linguistics emphasizing the practical application of the structural patterns of Spanish, namely, syntax, morphology, and phonology. Required of all Spanish majors. Prerequisite: Span 202 or three years of secondary school Spanish.

Three Semester Hours

Span 290 THE TEACHING OF SPANISH

A study of the teaching of Spanish with an emphasis on the problems, methods, and materials associated with language teaching. Required of all Spanish majors.

Three Semester Hours

Span 301 SURVEY OF SPANISH LITERATURE

Reading in selected works of principal writers of Spain, with attention to literary movements, historical backgrounds, style and form; outside reading and reports in Spanish. Prerequisite: Span 202 or three years of secondary school Spanish.

Three Semester Hours

Span 302 SURVEY OF SPANISH LITERATURE

Continuation of Span 301.

Three Semester Hours

Span 305 CONVERSATIONAL SPANISH, COMPOSITION, AND CIVILIZATION

For students who wish to develop proficiency in speaking and writing Spanish. Intensive practice in spoken and written Spanish based upon topics dealing with contemporary Spain. Prerequisite: Span 202 or equivalent.

Three Semester Hours

Span 320 SPANISH-AMERICAN LITERATURE

A study of major writers and literary movements; supplementary reading and reports in Spanish. Prerequisites: Span 301 and 302, or equivalent.

Three Semester Hours

Span 321 SPANISH-AMERICAN LITERATURE

Continuation of Span 320.

Three Semester Hours

Span 331 GOLDEN AGE DRAMA

Reading of representative plays from Spain's Golden Age; analysis consideration of literary movements; form and style; outside reading and reports in Spanish. Major dramatists are Lope de Vega, Calderon de la Barca, Tirso de Molina, Ruiz de Alarcon, and some of the minor important dramatists of the Seventeenth Century. Prerequisites: Span 301 and 302, or equivalent.

Three Semester Hours

Span 332 MODERN SPANISH DRAMA

A study of major Spanish dramatists since 1800, including Moratin, Duque de Rivas, Zorilla, Echegaray, Benavente, Casona, Buero Hartzenbusch, and some minor important dramatists. Analysis, consideration of literary movements; form and style; outside reading and reports in Spanish. Prerequisites: Span 301 and 302, or equivalents, but may be taken separately.

Three Semester Hours

Span 341 THE NOVEL AND/OR SHORT STORY IN SPAIN

An extensive study of Cervantes, with the major emphasis on his masterpiece, *Don Quijote de la Mancha.* An examination of his *Novelas Ejemplares* and *La Numancia* will also be made. His life; his contributions to world literature; form and style; outside reading and reports in Spanish. Prerequisites: Span 301 and 302, or equivalent.

Three Semester Hours

Span 342 THE NOVEL AND SHORT STORY IN SPAIN

A study of the major prose fiction writers, including Fernan Caballero, Valera, Antonio de Alarcon, Pereda, Emilia Pardo Bazan, Palacio Valdes, Perez Galdos, Blasco Ibanez, Baroja, Valle-Inclan, and some of the minor important prose fiction writers. Consideration of literary movements, form and style; outside reading and reports in Spanish. Prerequisites: Span 301 and 302, or equivalents, but may be taken separately.

Three Semester Hours

Span 350 SENIOR SEMINAR

Special study projects in Spanish language and literature; independent reading in defined areas, followed by written reports in Spanish. For advanced Spanish majors with senior standing.

Credit Arranged

MUSIC

Mus 101 INTRODUCTION TO MUSIC

A study of the various types of musical expression through representative composers; consideration of social and political as well as artistic factors influencing the historical development of music.

Two Semester Hours

Mus 102 ACOUSTICS

The nature of sound; the physiology and psychology of hearing; tuning and temperament. Acoustical principles applied to the various musical instruments, auditoriums, and the recording and reproducing of sound.

Three Semester Hours

***Mus 200 SURVEY OF MUSIC LITERATURE**

A survey of representative masterpieces from the Baroque to the contemporary era. Emphasis upon form, historical background, and stylistic characteristics of individual composers.

Two Semester Hours

***Mus 205 EURHYTHMICS I**

Designed to develop, through body movement, *greater sensitivity to, and awareness of, the nuances of dynamics and rhythm.*

One Semester Hour

Mus 206 EURHYTHMICS II

Continuation of Eurhythmics I, involving more difficult problems in rhythm and coordination.

One Semester Hour

***Mus 211 BASIC MUSIC I**

Simple tonal, rhythmic and harmonic vocabulary; singing, dictation, keyboard, analysis, writing, creative work.

Three Semester Hours

Mus 212 BASIC MUSIC II

Continuation of techniques of Basic Music I; tonicization, harmonic function, modulation; small musical forms. Prerequisite: Mus 211.

Three Semester Hours

Mus 213 BASIC MUSIC III

Further development of techniques using more advanced tonal, rhythmic and harmonic vocabulary; contrapuntal elaboration; sonata-allegro form. Prerequisite: Mus 212.

Four Semester Hours

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*Courses available as General Education electives to all students.

Mus 214 BASIC MUSIC IV

Continual development of skills introduced in previous courses; variation and rondo forms. Prerequisite: Mus 213.

Four Semester Hours

Mus 221 METHODS I

A study of the basic music activities and materials used in the present day elementary school from Kindergarten through the Sixth grade.

Two Semester Hours

Mus 222 METHODS II

Basic philosophy of music education, professional attitudes and relationships, organization of required and elective courses, practical demonstrations of equipment and techniques; grades seven through twelve, primarily vocal.

Two Semester Hours

Mus 223 METHODS III (Instrumental)

Study of a suitable instrumental program for a public school system; particular attention to the problems of organization and administration, as well as the teaching techniques with various instruments; survey and evaluation of available materials for all phases of the instrumental program. Includes a unit in class piano methods to acquaint students with the value of the piano class as a means of developing basic musicianship, and with procedures for attainment of skill in reading, auditory discernment, theory and keyboard techniques. Examination and discussion of materials suitable for the first two years of piano study.

Two Semester Hours

Mus 231 CONDUCTING I (Choral)

Guidance in the development of conducting techniques based on the fundamental meter designs; study of problems of style and interpretation. Students conduct choral compositions appropriate to various levels of achievement.

Two Semester Hours

Mus 232 CONDUCTING II (Instrumental)

Preparation for conducting instrumental groups, band and orchestral, on a public school level; rehearsal and performance techniques. Preparation for conducting current public school band and orchestral material, as well as suitable ensemble material for secondary school organization in choice of musical materials.

Two Semester Hours

Mus 235 ORCHESTRATION

Characteristics of orchestral instruments; scoring for various instrumental groups. Prerequisite: Mus 214.

Two Semester Hours

APPLIED MUSIC

Applied music in the curriculum serves two purposes: developing the student's musicianship and providing him as a prospective teacher with the knowledge and techniques of various media needed for conducting an effective music program in the public schools. The minimum requirements for graduation are as follows:

1. Knowledge of the performance fundamentals of violin, cello, viola, string bass, clarinet, flute, cornet, trombone and percussion.
2. Sufficient skill in the use of the singing voice to function as a teaching medium in all areas of a public school music program.
3. Keyboard proficiency examination:
   a. Ability to play musically the accompaniments found in the basic public school series used in the methods courses.
   b. Ability to play Community songs at a singing tempo.
   c. Ability to play musically an accompaniment on a IB level. This is to be a prepared accompaniment using the literature of the student's major instrument.

Mus 141, 142, 241, 242 — Class Instruments 1 s.h.

Mus 143, 144
243, 244
343, 344
443, 444 — Private Instruction, minor level 1 s.h.

Mus 145, 146
245, 246
345, 346
445, 446 — Private Instruction, major level 1 or 2 s.h.

MUSIC ORGANIZATIONS

Mus 250	Band I (Concert Band)
Mus 251	Band II (Marching Band and Symphonic Band)
Mus 253	Orchestra I (Concert Orchestra)
Mus 254	Orchestra II (Training Orchestra)
Mus 256	Chorus I (Concert Chorus)
Mus 257	Chorus II (Festival Chorus)
Mus 258	Chorus III (Training Chorus)
Mus 259	
Mus 260	(Open numbers)
Mus 261	
Mus 262	Opera Workshop
Mus 263	Woodwind Ensemble
Mus 264	Brass Ensemble
Mus 265	Renaissance Singers
Mus 266	Esquires
Mus 267	French Horn Ensemble
Mus 268	String Ensemble
Mus 269	Collegium Musicum

**Mus 301 HISTORY OF MUSIC I

Intensive chronological study of Western music from pre-Christian times to the Baroque, with emphasis on the evolution of forms, styles and media. Collegium Musicum (Mus 269) must be elected concurrently with this course.

Three Semester Hours

**Mus 302 HISTORY OF MUSIC II

Continuation of study of music forms and styles as they evolved from the end of the Baroque to the present. Collegium Musicum (Mus 269) must be elected concurrently with this course.

Three Semester Hours

Ed (Mus) 400 STUDENT TEACHING (See Education schedule)

Twelve Semester Hours

MUSIC ELECTIVES

*Mus 303, 304 HISTORY OF MUSIC

A continuation of Mus 301 and 302, with emphasis upon individual research of specific epochs of music history and literature.

Three Semester Hours

*Mus 305 AMERICAN MUSIC

Stylistic influences on the American composer; idiomatic characteristics indigenous to American music; study of representative forms used by American composers.

Three Semester Hours

*Mus 306 THE SYMPHONY

A study of orchestral music from its beginning. The Mannheim composers, the Viennese classics, the Romanticists, and contemporary developments. Works will be analyzed and their historical, cultural and philosophical background discussed.

Three Semester Hours

*Mus 307 THE CONCERTO

The development of the concerto form with emphasis upon the contribution of Mozart, Beethoven, the Romantic school, and contemporary composers.

Three Semester Hours

*Mus 308 ADVANCED MUSIC LITERATURE (Theory)

Intensive study of selected choral, solo, chamber and orchestral masterpieces; emphasis on formal and stylistic developments from the late Middle Ages through the twentieth century.

Three Semester Hours

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* Two of these electives may be offered each semester contingent upon demand.
**Courses available as General Education electives to all students.

***Mus 309 CONTEMPORARY MUSIC**

A survey of the styles, forms, and musical techniques of contemporary music.

Three Semester Hours

Mus 311 COUNTERPOINT (Theory)

Contrapuntal style of the late Baroque; canon, invention, fugue. Prerequisite: Mus 214.

Three Semester Hours

Mus 313 COMPOSITION (Theory)

Contemporary techniques of musical composition; emphasis on creative work. Prerequisites: Mus 214 and Mus 311.

Three Semester Hours

Mus 315 ADVANCED HARMONY (Theory)

Harmonic techniques of the late nineteenth and early twentieth centuries; interrelationship of harmonic vocabulary and musical form. Prerequisite: Mus 214.

Three Semester Hours

***Mus 320 CLASS PIANO METHOD**

Study of procedures for class and individual instruction; emphasis upon the value for development of basic musicianship; examination and evaluation of materials suitable for the first two years of piano study.

Three Semester Hours

Mus 390 DIRECTED STUDY

Individual study under the direction of a faculty member appointed by the department director. Available to seniors and students having met the requirements for graduation. May extend areas normally covered in specialized courses of the music curriculum. By permission only.

Credit Arranged

MUSIC COURSES FOR ELEMENTARY CURRICULUM

Ed El (Mus) 280 MUSIC FOR ELEMENTARY GRADES

The development of an understanding of fundamental musical concepts through the acquisition of basic skills in techniques of singing, piano chording, the aural facility with theoretical problems.

One Semester Hour

Ed El (Mus) 281 TEACHING MUSIC IN THE ELEMENTARY GRADES

Methods and materials from Kindergarten through 6th grades stressing a basic philosophy of music education, including demonstrations, observation, and practice in the use of various teaching aids.

Two Semester Hours

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* Two of these electives may be offered each semester contingent upon demond.

PHILOSOPHY

Phil 201 INTRODUCTION TO PHILOSOPHY I

A survey of the outstanding contributions of ancient and modern philosophers; includes study of certain central current philosophical problems and attention to ethical implications. Nature, functions, scope, and methods of philosophy. Value of the study of philosophy. Physical sciences and philosophical problems. Philosophy of the self. Philosophy of religion. Comparisons and contrasts between Occidental and Oriental Philosophy.

Three Semester Hours

Phil 202 INTRODUCTION TO PHILOSOPHY II

Continuation of Phil 201. Nature, sources, and validity of knowledge. Types of philosophy. Philosophy of values. Problem of moral knowledge. Philosophy of art. Political philosophy. Philosophy of education. Philosophy of history. Problem of meaning and verification. Prerequisite Phil 201.

Three Semester Hours

Phil 220 COMPARATIVE RELIGION

A presentation of the beliefs, doctrines, and observances of the major religions of the world, leading to a better understanding of various cultures. Chronologically, these religions are Hinduism, Judaism, Zoroastrianism, Taoism, Buddhism, Confucianism, Christianity, Islam, Zen Buddhism.

Three Semester Hours

Phil 340 CONTEMPORARY PHILOSOPHY

Analysis of the defining features of major contemporary philosophical movements, with attention primarily to logical positivism, pragmatism, and existentialism. Includes study of the backgrounds for such movements and of contributions by their principal exponents.

Three Semester Hours

Phil 350 INTRODUCTION TO LOGIC

A study of the principles of deductive and inductive thinking and experimental inference; examination of reasoning as applied in specific areas of inquiry — history, ethics, astronomy, physics, etc.

Three Semester Hours

Phil 370 ETHICS

An examination of ethical principles and their application; analysis of problems encountered in individual and group efforts to realize ethical values.

Three Semester Hours

PSYCHOLOGY

Psy 101 GENERAL PSYCHOLOGY

Basic course in the science of psychology; heredity, environment and the self, maturation, learned and unlearned; motivation, emotion, perception, reasoning and the learning process; individual differences, personality measurement; the normal and abnormal.

Three Semester Hours

Psy 201 EDUCATIONAL PSYCHOLOGY

A study of the basic factors in the learning process, with emphasis on the application of the principles of psychology to the problems of learning and teaching; includes study of actual classroom problems and procedures. Prerequisite: Psy 101.

Three Semester Hours

Psy 301 CHILD PSYCHOLOGY

A study of the maturation, motivation, and learning process of children from birth to adolescence; focus on the development of a functional understanding of child psychology. Prerequisite: Psy 101.

Three Semester Hours

Psy 303 ADOLESCENT PSYCHOLOGY

A study of physical, intellectual, emotional and moral development through the adolescent years; social adjustment of the young; particular attention to educational implications. Prerequisite: Psy 101.

Three Semester Hours

Psy 311 MENTAL HEALTH

Dynamics of personal and social adjustment and maladjustment; understanding the causes, symptoms and treatment of disturbed personalities with particular emphasis upon prevention through the maintenance of good mental hygiene. Prerequisite: Psy 101.

Three Semester Hours

Psy 312 ABNORMAL PSYCHOLOGY

A study of description, causes, diagnosis, treatment, and prevention of abnormal behavior, following the classification of the American Psychiatric Association: transient situational personality disorders, psychoneurotic disorders, psychophysiologic autonomic and visceral disorders, acute brain disorders, chronic brain disorders, and mental retardation. Prerequisite: Psy 101.

Three Semester Hours

PUBLIC SCHOOL NURSING

PSN 200 PUBLIC SCHOOL NURSING

Deals with the special training in public school nursing as a branch of public health nursing, including historical background, the various fields it covers, the problems and limitations that are involved. Responsibilities of the nation, state, community, school board, administrators, and the school nurse are studied. The new techniques of handling children with heart disease, communicable diseases, sight and hearing problems, crippled children, mentally retarded, those incapable of being educated, and accident prevention are included.

Two Semester Hours

PSN 201 PUBLIC HEALTH NURSING I

A survey of the fundamental principles and the historical background of public health work in Europe, England, and America. Much stress is placed on the recent movement to bring this work up to date in our own state and the training and procedures by which it is to be accomplished. Careful consideration is given to the social changes in medicine, preventive techniques, population trends, modern ideas of sanitation and sewage disposal, housing conditions of today, methods of record keeping, Civil Service procedures and limitations as they concern the nurse.

Three Semester Hours

PSN 202 PUBLIC HEALTH NURSING II

A continuation of Public Health Nursing I. The course deals with past and present patterns, definitions, and processes of public health nursing practice which apply to public health nursing today. Career planning and professional development of the school nurse specialty is an important aspect of the course. Special emphases are placed upon school nursing as it relates to the total community health program. Generalized versus specialized public health nursing service is carefully analyzed.

Three Semester Hours

PSN 203 FOUNDATIONS OF NUTRITION

An overview of the principles of normal nutrition as they relate to therapeutic conditions in light of current development, food habits, marketing and budgeting. The nurse's role is covered in the following fields: teaching of nutrition in schools, homes, institutions and family nutrition service. This course is based upon the premise that the appraisal of nutritional needs and resources of the family and community precedes the development of a plan of guidance and counseling in the nutritional component of public nursing today.

Two Semester Hours

PSN 204 FAMILY CASE WORK

A study of the processes of interviewing and making case studies of family groups. The history and sociology of the American family is used as background for study. Lectures, reports, and seminar techniques are employed.

Three Semester Hours

PSN 205 PREVENTION AND CONTROL OF COMMUNICABLE DISEASES

The course is designed to help the school nurse to gain a more comprehensive understanding of those communicable diseases which are creating current health problems in our communities. Special emphasis will be placed upon the school nurse's role as a member of the school health team in the prevention and control of communicable disease problems.

Three Semester Hours

PSN 206 PUBLIC SCHOOL ORGANIZATION

Provides for nurses a non-instructional knowledge of the organization, administration, and functioning of the American Public School Systems. It includes specific studies of: pupil personnel, teacher personnel, administration, non-instructional staff, auxiliary services, the educational program, local, state, and national professional organizations.

Two Semester Hours

SAFETY EDUCATION

The college is approved to offer the following courses in safety education which are not regularly scheduled:

HPE 301 GENERAL SAFETY EDUCATION

Home, school, public, industrial and traffic safety. A basic philosophy is presented and the principles of safety education are interpreted.

Three Semester Hours

HPE 302 HIGHWAY SAFETY EDUCATION (Driver Education and Training)

Standard program and methods for instructing beginning drivers. Use of psycho-physical testing devices. Practical road training and practice. Prerequisite: Operator's License.

Three Semester Hours

HPE 305 METHODS AND MATERIALS IN SAFETY EDUCATION

Survey of effective methods of teaching safety. Evaluation and adaptation of safety education materials to the school instructional program.

Three Semester Hours

HPE 306 ORGANIZATION AND SUPERVISION OF SAFETY EDUCATION

Application of basic principles of organization and administration of safety. Planning and developing a school safety program.

Three Semester Hours

SCIENCE

GENERAL COURSES IN SCIENCE

Bio 101 MAN AND THE BIOLOGICAL WORLD

An introduction to biological processes; study and discussion of these processes in man, together with the ecological aspects of human life. Laboratory demonstration and analysis of problems significant in the development of biological science; examination of the ways in which the solution of such problems has affected man and society.

Four Semester Hours

Phys 101 MAN AND THE PHYSICAL UNIVERSE

The nature and methods of science, the logic of the scientific method, and the implications of modern scientific thought and research. Historically oriented investigation of fundamental problems in physics, chemistry, astronomy, geology, and philosophy of science.

Four Semester Hours

Phys 111 PHYSICAL SCIENCE FOR ELEMENTARY SCHOOL TEACHERS I

The course leads prospective elementary school teachers into a sense of being at home with science; develops their confidence in doing things with their own hands; helps them to appreciate that curiosity and childlike desire to experiment are closer to the spirit of science than the memorization of facts for their own sake. The course proceeds through puzzling discoveries to understanding by developing the student's need to know. The first semester is concerned primarily with an introduction to the concepts of time, space, matter and energy. Light, gravity and the gross structure of matter are particularly stressed. Prerequisite: Math 101.

Three Semester Hours

Phys 112 PHYSICAL SCIENCE FOR ELEMENTARY SCHOOL TEACHERS II

A continuation of Physical Science for Elementary School Teachers I. In this semester, electricity, crystallography, and chemical relationships are the primary topics of study. Prerequisite: Phys 111.

Three Semester Hours

Sci 200 DESCRIPTIVE ASTRONOMY

A study of the solar system, celestial sphere, astronomical calculations, physical characteristics of the star, planetary and stellar motions. Prerequisites: Two years of high school mathematics and Ma 101 or equivalent.

Three Semester Hours

Sci 270 HISTORY AND PHILOSOPHY OF SCIENCE

A study of the historical development of scientific concepts and theories; cultural implications of scientific discoveries; analysis of the procedures of science. Reading and discussion of the works of major scientists and philosophers of science. Normally taken in senior year.

Three Semester Hours

Sci 290 TEACHING BIOLOGICAL SCIENCES IN THE SECONDARY SCHOOL

Designing objectives for teaching Biological Sciences in the secondary schools. Investigation of curriculum, methods, and technique for effective learning situations with biology and natural science programs. Evaluation of biological textbooks and materials. The use of teaching aids, laboratory materials, programmed learning, are dealt with. Prerequisite: Twelve hours of work in major field of science.

Two Semester Hours

Sci 295 TEACHING PHYSICAL SCIENCES IN THE SECONDARY SCHOOL

Methods and techniques of teaching Physical Sciences in the secondary schools. Development of demonstration and laboratory materials. Investigation of textbooks, resources and factors promoting an effective learning environment. Prerequisite: Completion of basic courses in major field.

Two Semester Hours

Sci 300 NUCLEAR SCIENCE

Study of radioscope methodology as utilized in the various scientific disciplines. Students become familiar with various radioactivity detectors as they investigate the properties of elementary particles and their concomitant radiation. Prerequisite: Open to junior and senior science majors upon recommendation of their advisors and permission of the instructor.

Three Semester Hours

Bio 201 ZOOLOGY I

Anatomy, physiology and taxonomy of the invertebrates, with emphasis on ecological relationship.

Four Semester Hours

Bio 202 ZOOLOGY II

Anatomy, physiology and taxonomy of chordates and vertebrates, with some attention to embryology and genetics. Prerequisite: Bio 201.

Four Semester Hours

Bio 203 BOTANY I

Study of the structure, functions and classification of the higher plants, together with practical application of such knowledge.

Four Semester Hours

Bio 204 BOTANY II

The relationship of the various plant groups, from simplest to most complex, based on evolutionary factors; includes study of fossil plants. Prerequisite: Bio 203.

Four Semester Hours

Bio 275 BIOLOGICAL LABORATORY TECHNIQUES FOR THE ELEMENTARY SCIENCES

Provides for the development in the basic manipulative skills needed for the competency in handling laboratory equipment. The course is "laboratory centered" and stresses good laboratory techniques for the teaching of the biological aspects of an elementary science program. One lecture, one two-hour lab per week.

Two Semester Hours

Bio 302 FIELD ZOOLOGY

Taxonomy of local fauna; field collections and laboratory studies. Prerequisite: Bio 202.

Three Semester Hours

Bio 303 FIELD BOTANY

Taxonomy of local flora, with emphasis on the flowering plants including trees. Principles of nomenclature. Prerequisite: Bio 204 or equivalent.

Three Semester Hours

Bio 310 ECOLOGY (Field Course)

A study of fundamental ecological principles manifested in the mutual relationship of plants and animals and their environment. Prerequisite: Bio 301 or 303, or consent of instructor.

Three Semester Hours

Bio 320 ORNITHOLOGY (Field Course)

The biology of birds, with special attention to the taxonomy of local avifauna. Prerequisite: Bio 202 or consent of instructor.

Three Semester Hours

Bio 325 ENTOMOLOGY (Field Course)

Structure, physiology and economics of insect life, with intensive field and laboratory studies of the local insect population. Prerequisite: Bio 202 or consent of instructor.

Three Semester Hours

Bio 331 VERTEBRATE ANATOMY (Lab Course)

Systematic study of the anatomy of the vertebrate series, with laboratory dissection of the cat. Prerequisite: Bio 202.

Three Semester Hours

Bio 332 PHYSIOLOGY (Lab Course)

Systematic study of the life processes of the vertebrates, with emphasis on human physiology. Prerequisites: Bio 331 and Chem 202.

Three Semester Hours

Bio 340 GENETICS (Lab Course)

Variation and heredity in plants and animals, including man. Prerequisites: Bio 202 and Chem 202.

Three Semester Hours

Bio 345 EMBRYOLOGY (Lab Course)

Study of the origin and development of the various tissues and organs of the animal body. Prerequisite: Bio 202.

Three Semester Hours

Bio 350 MICRO TECHNIQUES

An advanced biology course with special emphasis on technique, skill in the laboratory and scientific procedure in the manipulation of equipment used in the preparation of biological materials and specimens. Methodical self-discipline and organization of work is stressed.

Three Semester Hours

Bio 355 MICROBIOLOGY (Lab Course)

Elementary principles of microorganismal morphology and physiology (bacteria, viruses, etc.); relation of microorganisms to fermentation, disease, dairy products and other foods, water purification, sewage disposal and soil fertility. Prerequisites: Bio 204 and Chem 202.

Three Semester Hours

Bio 360 ICHTHYOLOGY

A field course which includes collection, taxonomy, anatomy and ecology of fishes. Prerequisite: Bio 201, 202, 101 or by approval of instructor.

Three Semester Hours

Bio 404 BIOLOGY SEMINAR

Study projects involving the investigation of recent literature in the field of Biology; preparation of seminar papers on assigned problems. Juniors and seniors only. May be taken two semesters.

One Semester Hour

Bio 405 SPECIAL PROBLEMS IN BIOLOGY

Study projects under direct supervision by instructor. Library and laboratory research on selected problems. Consent of instructor.

One to Three Semester Hours

CHEMISTRY

Chem 201 GENERAL CHEMISTRY I

Fundamental principles of chemistry from the standpoint of the periodic classification of the elements; modern concepts of atomic structure and chemical bonding. Required of all science majors.

Four Semester Hours

Chem 202 GENERAL CHEMISTRY II

Continuation of Chem 201. Ionic equilibria, electrochemistry, nuclear chemistry and a brief introduction to organic chemistry. A short course in qualitative analysis is included, involving principles and methods of ion identification. Required of all science majors. Prerequisite: Chem 201.

Four Semester Hours

Chem 203 INORGANIC CHEMISTRY

Treatment of fundamental principles of chemistry which will be of particular use to non-science majors. Not open to science majors.

Four Semester Hours

Chem 204 ORGANIC AND BIOCHEMISTRY

Principles of organic and biochemistry which are important and useful to non-science majors. Not open to science majors. Prerequisite: Chem 203.

Four Semester Hours

Chem 213 QUANTITATIVE ANALYSIS

An introductory course in analytical chemistry with emphasis on titrametric and gravimetric procedures. Prerequisite: Chem 202.

Four Semester Hours

Chem 214 INSTRUMENTAL ANALYSIS

Principles and applications of instrumental methods in chemical and structural analysis. Studies will include potentiometric, conductometric, electrolytic, spectrometric and chromatographic techniques. Prerequisite: Chem 213.

Three Semester Hours

Chem 221 ORGANIC CHEMISTRY I

Principles of organic chemistry; preparation, properties and nomenclature of various aliphatic compounds. Prerequisite: Chem 202.

Four Semester Hours

Chem 222 ORGANIC CHEMISTRY II

Continuation of Chem 221, to include aromatic compound carbohydrates, and an introduction to elementary organic analysis. Prerequisite: Chem 221.

Four Semester Hours

Chem 251 PHYSICAL CHEMISTRY I

A study of the fundamental principle of chemistry with emphasis on Thermodynamics, Phase Equilibria, and Chemical Equilibria. Prerequisites: Chem 213, Math 211 and Phys 202.

Four Semester Hours

Chem 252 PHYSICAL CHEMISTRY II

Continuation of Chem 251. Topics include properties of Electrolytes, Electrochemistry and Chemical Kinetics. Prerequisites: Chem 251.

Four Semester Hours

Chem 310 BIOCHEMISTRY

Chemistry of carbohydrates, lipids and proteins; digestion metabolism, blood, nutrition. Prerequisite: Chem 222.

Four Semester Hours

Chem 325 QUALITATIVE ORGANIC ANALYSIS

Identification of organic compounds by various techniques; an introduction to modern methods such as chromatography. Prerequisite: Chem 222.

Three Semester Hours

Chem 345 STRUCTURAL CHEMISTRY

The structure of various organic and inorganic compounds; modern methods of structure determination; influence of structure on chemical properties. Prerequisite: Chem 222.

Three Semester Hours

Chem 402 SELECTED TOPICS IN ORGANIC CHEMISTRY

Subjects may include natural and synthetic polymers, antibiotics, heterocyclics, terpenes and stereochemistry. Prerequisites: Chem 222.

Two Semester Hours

Chem 403 ADVANCED INORGANIC CHEMISTRY

A non-mathematical presentation of the Bohr-Sommerfeld and wave mechanical theories of atomic structure and bonding. Major emphasis is centered on bonding in transition metal coordination complexes with discussions of the valence bond, crystal field, and ligand field theories. Laboratory preparation of representative compounds included. Prerequisite: Chem 202.

Four Semester Hours

Chem 404 CHEMISTRY SEMINAR

Study projects involving the investigation of recent literature in the field of chemistry; preparation of seminar papers on assigned problems. Juniors and Seniors only. May be taken two semesters.

One Semester Hour

Chem 405 PROBLEMS IN CHEMISTRY

Study projects under direct supervision by instructor. Library and laboratory research on selected problems. Consent of Instructor.

One to Three Semester Hours

EARTH AND SPACE SCIENCE

ESS 404 EARTH AND SPACE SEMINAR

Study projects involving the investigation of recent literature in the fields related to earth and space science; preparation of seminar papers on assigned problems. Juniors and seniors only. May be taken two semesters.

One Semester Hour

ESS 405 PROBLEMS IN EARTH AND SPACE SCIENCE

Study projects under direct supervision by instructor. Library and laboratory research on selected problems. Consent of instructor.

One to Three Semester Hours

PHYSICS

Phys 201 GENERAL PHYSICS I

A study of the fundamental phenomena and concepts of matter and energy; statistics and dynamics of solids. Properties of fluids, hydrostatics, sound and wave motion, heat phenomena and an introduction to thermodynamics. Prerequisite: Math 100.

Four Semester Hours

Phys 202 GENERAL PHYSICS II

A continuation of General Physics I. Electric charge and electric fields, current electricity, magnetic fields and forces, capacitance, inductance and resonant circuits. Physical and Geometric Optics, X-Rays and topics from modern physics. Prerequisite: Phys 201.

Four Semester Hours

Phys 301 MECHANICS

Scaler and vector quantities, equilibrium of rigid bodies, Newton's laws of motion, the linear oscillator. Motion of a particle in a central field, rotation of a rigid body, the vibrating string. Prerequisites: Phys 202, Ma 215.

Three Semester Hours

Phys 302 ELECTRICITY AND MAGNETISM

Electrostatics, A.C. and D.C. circuits, magnetism, magnetic fields, electromagnetic phenomena. Prerequisites: Phys 202 and Ma 215 or concurrent enrollment in Ma 215.

Three Semester Hours

Phys 303 OPTICS

Nature and propagation of light, geometrical and physical optics, interference, diffraction and polarization phenomena. Prerequisites: Phys 202 and Ma 215 or concurrent enrollment.

Three Semester Hours

Phys 304 MODERN PHYSICS

Experimental and theoretical developments in physics during the twentieth century. Kinetic theory, properties of the electron, special series and the Bohr atom; special relativity and quantum concepts; atom and nuclear structure. Theory and laboratory. Prerequisites: Phys 202 and Ma 215 or concurrent enrollment in Ma 215.

Three Semester Hours

Phys 305 ELECTRONICS

Study of the electron including its charge, emission and velocity; fundamentals of vacuum tubes and semiconductor devices; amplifiers and oscillators; electronic circuits. Theory and laboratory. Prerequisite: Phys 202.

Three Semester Hours

Phys 306 THERMODYNAMICS

Heat, temperature, pressure equations of state, laws of thermodynamics. Entropy, thermodynamic systems, thermodynamic potentials, changes of phase.

Three Semester Hours

Phys 307 INTRODUCTORY QUANTUM MECHANICS

Basic postulates of quantum mechanics; the Schrodinger equation, superposition of states; angular momentum and spin; perturbation theory; simple scattering theory. Prerequisites: Phys 202, Ma 215.

Three Semester Hours

Phys 308 INTRODUCTORY SOLID STATE PHYSICS

Non-quantum properties of solids; crystalline state; specific heats; lattice vibration; dielectric and optical properties; quantum properties; free electron theory; band theory; transport phenomena. Prerequisites: Phys 202, Ma 215.

Three Semester Hours

Phys 309 PHYSICS OF SOUND

The fundamentals of sound waves and acoustics are studied through lecture, problem solving and laboratory. Topics dealt with include: Generation, transmission and detection of sound; harmonics and complex tones as produced in air columns; vibrating strings and electron tubes. Prerequisites: Phys 202, Ma 215.

Three Semester Hours

Phys 404 PHYSICS SEMINAR

Study projects involving the investigation of recent literature in the field of physics; preparation of seminar papers on assigned problems. Juniors and seniors only.

One Semester Hour

Phys 405 SPECIAL PROBLEMS IN PHYSICS

Study projects under direct supervision by instructor. Library and laboratory research on selected problems. Consent of instructor.

One to Three Semester Hours

SOCIAL SCIENCES

ANTHROPOLOGY

Anthro 201 INTRODUCTION TO ANTHROPOLOGY

Introduction to the science of man. The major concepts of physical anthropology and cultural anthropology, with emphasis on culture.

Three Semester Hours

Anthro 301 WORLD ETHNOGRAPHY

The major culture areas of the world and the distinguishing institutional patterns connected with each; the culture complex of Southwest Asia and Europe, the complex of Southeast Asia and Oceania, the complex of North and South America, and the complex of Africa south of the Sahara.

Three Semester Hours

Anthro 302 PHYSICAL ANTHROPOLOGY

Introduction to aspects of man's biological development, including human paleontology, human population characteristics and growth, race, anthropometry, and genetics.

Three Semester Hours

Anthro 303 SOCIAL ORGANIZATION

Analysis of the universal bases of the division of social function: sex, age, kinship, common residence, and voluntary associations. Examination of the formal and informal mechanisms of social control.

Three Semester Hours

Anthro 304 AREA STUDY OF THE MIDDLE EAST

Examination of distinguishing features of contemporary Middle Eastern society and culture in their evolutionary context.

Three Semester Hours

ECONOMICS

Econ 201 PRINCIPLES OF ECONOMICS

An introduction to major economic theories and practices, emphasizing the nature and interrelationships of consumers, business, government, labor, and financial institutions.

Three Semester Hours

Econ 301 CONTEMPORARY ECONOMIC PROBLEMS

Exploration of our more crucial present day problems, notably money and banking, international trade, inflation, government regulation and labor relations.

Three Semester Hours

Econ 311 MONEY AND BANKING

An inquiry into money and the functioning of the monetary system of the United States. Special attention is given to the commercial banking structure and the central banking system. The relationship between the private system and the federal government as this relationship is implemented in monetary policy is discussed.

Three Semester Hours

Econ 321 INDUSTRIAL RELATIONS

Examination of the social organization of industry; study of the relation of industry to society, management and labor, and governmental controls in their relations.

Three Semester Hours

Econ 322 PUBLIC FINANCE

Contemporary fiscal institutions in the United States; public expenditures; public revenues; incidence of major tax types; inter-governmental fiscal relations; public credit.

Three Semester Hours

Econ 331 HISTORY OF ECONOMIC THOUGHT

A study of economic ideas from the eighteenth century to the present. A brief review of physiocracy and mercantilism followed by a closer survey of classical liberalism, pre-Marxist and utopian socialism. Marxism, neoclassicism, institutionalism, and other contemporary developments.

Three Semester Hours

Econ 332 INTERNATIONAL ECONOMICS

Principles, practices, and policies of international trade.

Three Semester Hours

Econ 333 INTERNATIONAL MONETARY ECONOMICS

Balance of international payments, methods of settling international accounts, stable and flexible exchange rates, exchange controls, international monetary agreements.

Three Semester Hours

Econ 334 COMPARATIVE ECONOMIC SYSTEMS

Capitalism, socialism, communism, and fascism; examination of resource allocation, consumption, pricing, production, investment, income distribution, central planning.

Three Semester Hours

Econ 335 ECONOMIC GROWTH: UNDERDEVELOPED AREAS

Problems of capital formation, institutional considerations, theories of economic growth.

Three Semester Hours

GEOGRAPHY

Geog 201 PHYSICAL GEOGRAPHY

Introduction to the nature of geography and the physical aspects of the environment of man: the earth and its planetary relations; selected topics in physical geography, including weather, climate, soils, landforms, the principles of map projection and interpretation.

Three Semester Hours

Geog 202 CULTURAL GEOGRAPHY

Continuation of Geog 201 but may be taken as a separate course. Introduction to the nature of geography and the cultural environment of man; includes study of population geography with such topics in cultural geography as settlements, manufacturing, resource and land use.

Three Semester Hours

Geog 205 ECONOMIC GEOGRAPHY I

The scope and philosophy of economic geography; world patterns of primary production and manufacturing; transportation and trade patterns. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 206 ECONOMIC GEOGRAPHY II

Analysis and interpretation of the pattern and function of selected economic activities; methods of measurement and geographic theory as applied to economic endeavors. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 211 METEOROLOGY

Systematic study of the dynamics of the atmosphere utilizing the synoptic approach; includes the elements of climate and basic aspects of physical and regional climatology. Prerequisite: Geog 201.

Three Semester Hours

Geog 212 INTRODUCTION TO CLIMATOLOGY

Systematic and regional study of the elements and controls of climate; application of standard classification systems and climatological data in analysis of climate stations and regions. Prerequisite: Geog 211.

Three Semester Hours

Geog 220 PHYSICAL GEOLOGY

Materials and processes that produce the major land features of the earth's surface; includes study of rocks, minerals, geologic time, running water, seas and shorelines, volcanism, diastrophism. Laboratory course.

Three Semester Hours

Geog 221 HISTORICAL GEOLOGY

The history of the earth as interpreted from the rocks and fossils. Emphasis is upon the geologic history of North America.

Three Semester Hours

Geog 230 CARTOGRAPHY AND GRAPHICS

Study and execution of the principal map projections: employment of various map and mapping techniques with emphasis on the tools of cartography.

Three Semester Hours

Geog 231 ADVANCED CARTOGRAPHY AND GRAPHICS

Practical experience in map and chart construction using the map as a fundamental research tool in the presentation of spatial phenomena. Prerequisite: Geog 230.

Three Semester Hours

Geog 290 TEACHING GEOGRAPHY IN THE SECONDARY SCHOOL

Intensive reading in the nature and methodology of the geographic disciplines and their relation to methods of presentation in teaching. For geography majors who have attained at least junior standing.

Three Semester Hours

Geog 301 POLITICAL GEOGRAPHY

A systematic analysis of the geographical nature, policy, and power of the state. Analyzes the growth and development of states, boundary problems, population distribution, colonies, and internal and international political theories. May be taken as a General Education elective by upperclassmen.

Three Semester Hours

Geog 302 WORLD PROBLEMS IN GEOGRAPHY

Regional treatment; evaluation of past and present problem areas of the world in relation to geographic factors involved in their development and their solution. May be taken as a General Education elective by upperclassmen.

Three Semester Hours

Geog 305 WORLD REGIONAL GEOGRAPHY

Regional analysis and study of the earth as the home of man. Specific areas and types of man-land relationships are studied as examples of the world variety of human adjustments to and adaption of the natural environment. (Not open to students who have had 202 — suggested for elementary majors in place of cultural geography.)

Three Semester Hours

Geog 325 GEOMORPHOLOGY

The evaluation and development of land forms and the principal theories of landform development pertaining to structure, process and stage; topographic maps, profiles and the appraisal of geologic data from both field and laboratory studies. Prerequisites: Geog 201 and Geog 220.

Three Semester Hours

Geog 330 GEOGRAPHY OF THE UNITED STATES AND CANADA

A geographic analysis of the physical environment, resources, industries, population and settlement of Anglo-America north of the Rio Grande. Particular emphasis on geographic regionalism and geographic problems common to the area. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 331 GEOGRAPHY OF PENNSYLVANIA

Topography, climate, resources, historical development, geographic regions of Pennsylvania. Field trips with particular attention to topographic and economic aspects of the Commonwealth. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 332 GEOGRAPHY OF LATIN AMERICA

Study of the linguistically derived regionalism of America south of the Central American states; analysis and synthesis of geographic factors responsible for regional and sectional development. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 333 GEOGRAPHY OF MIDDLE AMERICA

Study of the physical environment, aboriginal and modern culture, and economic geography of Mexico, Central America, and the Caribbean. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 334 GEOGRAPHY OF THE SOVIET UNION

A study of the economic and political structure of the U. S. S. R., emphasizing geographic regions, resources, and industrial development. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 335 GEOGRAPHY OF EUROPE

Systematic treatment of topography, climate, biotic resources and mineral resources, communication, population, and industrial areas; geographic regions of Europe. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 336 GEOGRAPHY OF ASIA

Systematic treatment of topography and climate of Asia; major geographic regions of the Soviet Union, Southwestern Asia, India. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 337 GEOGRAPHY OF THE FAR EAST

Study of the region comprising China, Japan and Southeast Asia; geographic conditions and human welfare; major geographic regions; analysis of approaches being made to the fundamental geographic problems of the area. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 338 GEOGRAPHY OF AFRICA

Study of emerging regional patterns in relation to their historical and contemporary significance; emphasis upon distribution of physical and cultural factors and their consequences in the present day landscape. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 339 GEOGRAPHY OF AUSTRALIA AND OCEANIA

A systematic interpretation of the physical environment, resources, settlements and man-land relationships of the Pacific Islands, Australia and New Zealand. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 340 CONSERVATION OF NATURAL RESOURCES

A study of the principles and accepted practices in the wise management and economic use of our natural resources; materials and objectives in conservation education and the application of sound principles to community and regional problems. Selected field studies. Prerequisites: Geog 201, 203 or 220 and 202 or 205.

Three Semester Hours

Geog 341 URBAN GEOGRAPHY

An analysis of the localization, structure and function of urban settlements and their supporting areas, progressing from simple relationships in small settlements to the complexities of modern metropolitan regions. Prerequisites: Geog 201 or 220, and 202.

Three Semester Hours

Geog 342 TRADE AND TRANSPORTATION

A systematic analysis of the interdependence of man within the spatial framework of regions, nations and continents, and the necessity for efficient transportation and communication. Consideration is given to the forms of transportation employed in their relationship to physical barriers and possible future needs or changes. Prerequisites: Geog 201 or 220, and 202.

Three Semester Hours

Geog 401 SPECIAL STUDIES IN GEOGRAPHY

Studies and research in philosophy and methodology, seminars in geography aspects of contemporary problems, field projects involving current regional land use problems, field trips in geomorphology and economic geography.

One, Two or Three Semester Hours

Geog 402 FIELD STUDIES IN GEOGRAPHY

Field projects in rural or urban land use; a study of current regional land use problems, or urban studies involving analyses of site, situation and development of nearby urban settlements. Prerequisites: Geog 201 and 202.

Three Semester Hours

Geog 500 LAND USE AND NATURAL RESOURCES

Land use as a response to physical and cultural conditions of the past and present; major division of land use and resulting interrelationships of areal patterns; basic concepts of conservation; conservation within the major resource groups; evaluation of achievements and prospects in the conservation of resources; special readings, projects; field trips and research. Prerequisites: Undergraduate competence in Physical Geography, Economic Geography and man-land relationships.

Three Semester Hours

HISTORY

Hist 101 WORLD CIVILIZATION I

A survey of significant ideas, events, and cultural developments in man's history from the emergence of ancient civilizations to early modern times (cir. 1660).

Three Semester Hours

Hist 102 WORLD CIVILIZATION II

A continuation of History 101. From early modern times to the present.

Three Semester Hours

Hist 103 HISTORY OF THE UNITED STATES AND PENNSYLVANIA I

A survey of American history from 17th century colonization to the period of revolution, independence, and formation of the federal union; nationalism, sectionalism, and the growth of democracy in the 19th century; the Civil War and its aftermath to 1877.

Three Semester Hours

Hist 104 HISTORY OF THE UNITED STATES AND PENNSYLVANIA II

A continuation of History 103. Significant trends and events in the rise of an industrial-urban society; domestic and foreign development of an emerging world power; increasing international involvement and world leadership in an atomic era.

Three Semester Hours

Hist 201 THE ANCIENT WORLD

A study of the history and culture of the classical world to the fall of the Western Roman Empire. Special emphasis will be placed on the Greek and Roman civilizations.

Three Semester Hours

Hist 202 HISTORY OF MEDIEVAL EUROPE

The political, social, economic and cultural history of the Middle Ages with emphasis on institutional and cultural life from the fall of Rome to the Renaissance.

Three Semester Hours

Hist 203 HISTORY OF COLONIAL AND REVOLUTIONARY AMERICA (A)

A study of the colonization of North America emphasizing the English contributions; the political, social and economic development of the colonies; the growth of the movement for revolution and independence, the war itself, and the results of the revolution.

Three Semester Hours

Hist 204 THE NATIONAL PERIOD 1800 - 1848 (A)

An analysis of the development of the United States as a new nation with emphasis upon the major social, political, economic and diplomatic events of the period.

Three Semester Hours

Hist 241 EUROPE IN THE TWENTIETH CENTURY (E)

A study of European political and economic, social and intellectual status and trends in the present century, with review of significant developments after 1878.

Three Semester Hours

Hist 301 HISTORY OF PENNSYLVANIA (A)

A study of the founding and development of Pennsylvania; social, political and economic characteristics of the Commonwealth, the diversity of its people, their contributions to the nation. Prerequisite: One college course in American History.

Three Semester Hours

Hist 304 HISTORY OF THE CIVIL WAR AND RECONSTRUCTION (A)

The background of sectional controversy; constitutional issues, secession and military conflict; the aftermath of war, North and South, with particular emphasis on political development in the period of "reconstruction" ending in 1877.

Three Semester Hours

Hist 305 UNITED STATES INDUSTRIAL AND EMPIRE PERIOD (A)

A study of the national problems and characteristics arising in the post Civil War period. It includes the economic, social, political, cultural and international developments and changes from approximately 1870 - 1918.

Three Semester Hours

Hist 306 TWENTIETH-CENTURY AMERICAN HISTORY (A)

Social, political, economic and cultural development of the United States in the twentieth century, with particular attention to the role of the United States in world leadership. Prerequisites: six semester hours *General Education* American History.

Three Semester Hours

Hist 310 DIPLOMATIC HISTORY OF THE UNITED STATES (A)

American foreign policies from the Revolution to the present; exploration of underlying concept and other influencing factors in American diplomatic negotiations.

Three Semester Hours

Hist 312 SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES (A)

A study of social and intellectual currents in American History with special emphasis on American thought in the realms of politics, aesthetics, religion, literature as social document and historiography.

Three Semester Hours

Hist 341 RENAISSANCE AND REFORMATION STUDIES (E)

Examination of the political, social, economic, and cultural forces involved in the transition from medieval to modern Western society with particular attention to the rise of vocational states and the growth of individualism.

Three Semester Hours

Hist 342 HISTORY OF EUROPE, 1648 - 1848 (E)

Survey of the major forces shaping the political, social, economic and cultural history of Europe from the Peace of Westphalia to 1848.

Three Semester Hours

Hist 343 EUROPE IN THE NINETEENTH CENTURY (E)

A study of the rise of modern national organizations in Europe and their political, social and economic aspects in relation to ideas and events.

Three Semester Hours

Hist 361 HISTORY OF ENGLAND (E)

A survey of the political and constitutional, social and cultural, economic and imperial history of the British people.

Three Semester Hours

Hist 371 RUSSIA: A HISTORY FROM ITS ORIGIN TO THE BOLSHEVIK REVOLUTION OF 1917 (E)

An over-all view of significant and recurring themes in Russian history up to 1917, with close analysis of the substance, form and nature of the thousand-year-course of Russian history. Comparison of the development of Russia with that of other nations, and examination of the essential roots underlying the modern Soviet State.

Three Semester Hours

Hist 372 THE SOVIET UNION (E)

The contemporary history of the Soviet Union from the inception of Russia as a Communist State to the present. Emphasizes the internal and external factors involved in world Communism and Soviet power policies.

Three Semester Hours

Hist 381 HISTORY OF MODERN GERMANY (E)

Consideration of the forces of unity in 18th and 19th century Germany, followed by a study of Imperial, Weimar, and Nazi Germany, and concluding with an examination of the post-war revival and Germany's position between East and West.

Three Semester Hours

Hist 391 HISTORY OF LATIN AMERICA (NC)

A synthesis and interpretation of the principal factors in the development of Latin-American nations; covers the colonial era, national period, foreign relations, conditions and problems in the twentieth century.

Three Semester Hours

Hist 392 HISTORY OF THE FAR EAST (NW)

Traditional cultures and institutions of China, Japan, Korea, and Southeast Asia; the role of Western powers in their development; postwar changes, United States foreign policy in relation to the Far East, the emergence of Communist China. Prerequisite: A course in modern European history or permission of the instructor.

Three Semester Hours

Hist 393 HISTORY OF THE MIDDLE EAST (NW)

The major political, economic and cultural features of the Middle East, with particular emphasis on modern colonialism in the area; Zionism, the rise of the Arab states; and contemporary relations with other nations of the world.

Three Semester Hours

Hist 394 GOVERNMENT AND INSTITUTIONS OF SOUTHEAST ASIA (NW)

A comparative study of the governments of India, Pakistan, Indonesia, and other countries of postwar South and Southeast Asia; consideration of historical and cultural backgrounds, colonialism, nationalist movements, independence aftermath.

Three Semester Hours

Hist 500 RECENT HISTORY OF THE UNITED STATES

The course will pursue in depth, selected, internal social science problems of the last two decades that bear on modern United States society.

Three Semester Hours

POLITICAL SCIENCE

Pol Sci 201 AMERICAN GOVERNMENT

A study of the basis and organization of our national government, covering democratic principles, constitutional foundations, federalism, civil rights, the political party system, governmental branches and their functions, federal regulation and welfare services.

Three Semester Hours

Pol Sci 202 STATE AND LOCAL GOVERNMENT

The structure, organization and function of state, county, and municipal government; federalism and intergovernmental relations; problems and recent trends.

Three Semester Hours

Pol Sci 320 AMERICAN PRESIDENCY

Tracing the development of the presidency from the time when there were thirteen states to the present with special emphasis on the most recent administrations.

Three Semester Hours

Pol Sci 321 THE LEGISLATIVE PROCESS

A comprehensive study of legislative organization, procedure, and problems with special emphasis on cases of power politics as bills progress through the Legislature.

Three Semester Hours

Pol Sci 322 CONSTITUTIONAL LAW AND DEVELOPMENT

An inquiry into the general principles of the American constitutional system with special reference to the role of the judiciary in the interpretation, enforcement and development of the Federal constitution.

Three Semester Hours

Pol Sci 323 CIVIL RIGHTS

A study of civil rights in the American constitutional context, emphasizing freedom of religion, freedom of expression, minority rights and the rights of defendants.

Three Semester Hours

Pol Sci 324 GOVERNMENTAL REGULATION

A critical analysis of the statutory authority and the structural organization of the regulatory agencies, with special emphasis on the National Labor Relations Board, The Securities Exchange Commission, The Federal Trade Commission, The Interstate Commerce Commission.

Three Semester Hours

Pol Sci 325 POLITICAL PARTIES AND PUBLIC OPINION

Development and nature of the American two-party system; pressure groups, nominations and elections, public opinion and its formation and measurement, the political party in government.

Three Semester Hours

Pol Sci 330 POLITICAL THEORY: WESTERN

A study of the fundamental philosophies of the major western political theorists. The historical circumstances within which they developed their theories and an analysis of the present day significance of their contributions.

Three Semester Hours

Pol Sci 331 POLITICAL THEORY: AMERICAN

A study of the development and growth of American political concepts from the colonial period to the present.

Three Semester Hours

Pol Sci 340 COMPARATIVE GOVERNMENT

Governmental structure and processes of Great Britain, France, Germany, and Soviet Russia; the growth of democratic and authoritarian systems; comparisons with American government. Prerequisite: Pol Sci 201 or permission of instructor.

Three Semester Hours

Pol Sci 341 COMPARATIVE GOVERNMENT: ASIAN

A comparative study of the political systems of Japan, India, China and other selected Asian nations.

Three Semester Hours

Pol Sci 324 COMPARATIVE GOVERNMENT: LATIN AMERICA

A comparative study of the governmental systems and political processes of Mexico, Argentina, Brazil and other selected Latin nations.

Three Semester Hours

Pol Sci 343 AFRICAN POLITICS

A survey of contemporary developments in the politics of Africa, with special emphasis on the problems of national independence and the role of Africa in world affairs.

Three Semester Hours

Pol Sci 344 INTERNATIONAL LAW

A study of the basic character, general principles, and specific rules of international law; contemporary trends and relationship of international law to other aspects of international affairs.

Three Semester Hours

Pol Sci 345 INTERNATIONAL RELATIONS

Twentieth-century international problems, state system, factors of power, instruments of national policy, colonialism, regionalism, post war changes and foreign policies; the United Nations. Prerequisite: A course in modern European history or permission of instructor.

Three Semester Hours

SOCIAL SCIENCE

SS 290 TEACHING SOCIAL STUDIES IN THE SECONDARY SCHOOL

Analysis of desirable teaching procedures, investigation of materials for instruction; practice in planning and utilizing various types of lessons; includes study and discussion of educational philosophy and professional attitudes.

Three Semester Hours

SS 401 SPECIAL STUDIES IN SOCIAL SCIENCE

Studies and research in the various social sciences offering opportunities for development in depth and/or techniques of research.

One, Two or Three Semester Hours

SS 402 PROBLEMS IN THE MODERN WORLD

A study of some of the overriding challenges of our time analyzed in the light of socio-economic, historical, geographic, and political factors. Prerequisites: Hist 101-104 or permission of instructor.

Three Semester Hours

SOCIOLOGY

Soc 201 PRINCIPLES OF SOCIOLOGY

Introduction to the structure and dynamics of human society; analysis of social groups, intergroup relations; major social forces and changing aspects.

Three Semester Hours

Soc 301 CONTEMPORARY SOCIAL PROBLEMS

Analysis of modern society through a study of selected problems, including class and caste, minorities, family disequilibrium, crime.

Three Semester Hours

Soc 302 THE COMMUNITY

Examination, for a sociological perspective, of several forms of local settlement, with special emphasis on the urban community in the United States.

Three Semester Hours

Soc 303 METHODS OF SOCIAL RESEARCH

The research plan or model. Data collection, classification, analysis and interpretation.

Three Semester Hours

SPECIAL EDUCATION FOR THE MENTALLY RETARDED

Ed 320 EDUCATION OF THE EXCEPTIONAL CHILD

A survey of the nature and needs of exceptional children. Study of the mentally retarded, gifted, neurologically impaired, physically handicapped, speech handicapped, and emotionally disturbed. History and philosophy of special education; methods of identification; educational adjustments. Observation in special classes. Prerequisite: Psy 201.

Three Semester Hours

Ed 321 PSYCHOLOGY OF EXCEPTIONAL CHILDREN

Study of personality, emotional, social, and learning characteristics of children who are exceptional because of intelligence, physical development, behavior, speech, and hearing. Emphasis on understanding the psychological problems of these children and methods to facilitate adjustment; attitudes; mental tests and diagnosis; counseling and guidance; and educational implications. Observation of exceptional children. Prerequisites: Psy 201 and Ed 320.

Three Semester Hours

Ed 322 PSYCHOLOGY OF THE MENTALLY RETARDED

Intensive study of causes, classification, characteristics of mentally retarded children; differential diagnosis; mental testing; research findings; and educational, psychological, and social implications. Educable and trainable mental retardation are considered. Observation of retarded children is included. Prerequisite: Ed 320.

Three Semester Hours

Ed 323 METHODS FOR TEACHING RETARDED CHILDREN

Critical study of special methods and materials for teaching the retarded; school organization; special grouping; planning; evaluating pupil progress; teacher-pupil relationships; parent education; testing and remediation. Major emphasis is on the educable retarded with some discussion of the trainable. Observation and participation. Prerequisite: Ed 322.

Three Semester Hours

Ed 324 CURRICULUM DEVELOPMENT FOR THE MENTALLY RETARDED

Principles and procedures of curriculum construction for the mentally retarded. Critical study of existing curricula; goals; scope and sequence; occupational education; unit instruction; evaluation; current developments. Major emphasis is on the educable retarded with some discussion of the trainable. Observation and participation. Prerequisite: Ed 323.

Three Semester Hours

SPEECH AND DRAMA

Spc 101 FUNDAMENTALS OF SPEECH

Instruction in the principles of effective speaking; intensive practice in the organization, development and presentation of basic types of public address.

Three Semester Hours

Spc 200 ORAL INTERPRETATION

Introduction to the methods of analysis and presentation necessary for effective oral reading of poetry, prose and drama.

Three Semester Hours

Spc 210 PHONETICS AND VOICE

Study of the physiology of speech and the sounds of spoken English; standards of American pronunciation, with vocal and ear training; practice in IPA transcription; study and application of methods for improving voice and articulation.

Three Semester Hours

Spc 225 ADVANCED PUBLIC SPEAKING

Detailed study of principles and methods in composing and delivering the more elaborate types of public address; practice in writing and presenting expository and persuasive speeches, with attention to effective use of appeals and proof.

Three Semester Hours

Spc 250 PLAY PRODUCTION

Introduction to theory and practice of all phases of play production, with particular attention to problems of play-selection, organization, casting, and directing for school and community dramatics. Includes production by students of one-act plays and scenes from longer plays.

Three Semester Hours

Spc 270 DISCUSSION, DEBATE AND PARLIAMENTARY PROCEDURE

The nature of argument and persuasive speech; investigation of kinds of proof, use of evidence, sound and unsound reasoning; the construction of briefs, participation in different forms of group discussion, and intensive drill in parliamentary procedure.

Three Semester Hours

Spc 290 TEACHING SPEECH IN THE SECONDARY SCHOOL

The objectives, status and problems of speech training in the public schools; principles and methods of teaching fundamentals of speech, techniques of debate and oral interpretation in the high school.

Three Semester Hours

Spc 350 ACTING FUNDAMENTALS

Introduction to the theory and practice of acting; study of relationship between interpretation and acting; student participation in acting, impersonating and directing. By consent of instructor only.

Three Semester Hours

Spc 352 STAGE LIGHTING

A workshop course in the design and production of lighting as practiced in theatrical productions in modern schools and theaters. Extensive application of theory is made in college production.

Two Semester Hours

Spc 353 STAGECRAFT AND SCENE DESIGN

A workshop course in design and construction of stage settings, the modeling of stages to scale, production of backstage equipment and properties; includes participation in staging dramatic productions of the college.

Three Semester Hours

Spc 356 COSTUMING

Training in the art of design and execution of stage costuming with particular attention to the creation of mood and illusion through style, color and fabric textures.

Two Semester Hours

Spc 357 MAKE-UP

Training in the art of straight and character make-up for the stage and television. Practical application is extensive and emphasis is on student practice with the materials of make-up, as well as with theory.

Two Semester Hours

Spc 360 HISTORY OF THE THEATER

The history of the theater from ancient times to the present with emphasis on the relationship between theater design and dramatic production.

Three Semester Hours

Spc 361 PLAYWRITING

The writing of a one-act play, a short children's play or a short historical pageant-drama forms the basis of the course. Individual conferences supplement class discussion and analysis of student writing.

Three Semester Hours

Spc 375 SPEECH DEVELOPMENT AND IMPROVEMENT

Advanced work in phonetics for individual voice improvement; training in the development of appropriate speech patterns, acceptable pronunciation and flexible vocalization.

Three Semester Hours

Spc 390 SPECIAL PROJECTS IN SPEECH AND DRAMATICS

Individual projects designed for advanced students in speech and drama. By consent of instructor only. Prerequisite: Fifteen semester hours of work in the field.

Two Semester Hours

Spc 392 CHILDREN'S THEATER

The theories and techniques of theater for children and creative dramatics. The study and practice of informal dramatization of literature and stories, dramatic play as well as extemporaneous drama including pantomime.

Three Semester Hours

Spc 394 PLAY DIRECTION

A fundamental approach to the directing of a play, including script selection and analysis, casting, rehearsal techniques and performance. Styles of directing are discussed and applied in short scenes from the classics and modern drama and one act plays which are presented in the classroom.

Three Semester Hours

COLLEGE CALENDAR

SUMMER SESSIONS 1967

Residence Halls Open	June 11
First Session	June 12 - July 21
Residence Halls Open	July 23
Second Session	July 24 - Sept. 1

FALL SEMESTER 1967-1968

Residence Halls Open	September 3, 4
Freshman Orientation Begins	September 5
Registration — Freshmen, Transfers, Readmits	September 7
Registration—Upperclassmen, Special Students	September 8
Classes Begin at 8:00 A.M.	September 11
President's Convocation	September 12, 14
Last Day for Adding Courses	September 18
Last Day for Dropping Courses	September 30
End of First Quarter	November 11
Thanksgiving Recess Begins (last class)	November 21
Thanksgiving Recess Ends at 8:00 A.M.	November 27
Christmas Recess Begins (last class)	December 16
Christmas Recess Ends at 8:00 A.M.	January 2
Classes End	January 16
Final Examinations Begin	January 18
Semester Ends	January 27

SPRING SEMESTER 1967-1968

Residence Halls Open	January 31
Registration—Freshmen, Transfers, Readmits	February 1
Registration—Upperclassmen, Special Students	February 2
Classes Begin at 8:00 A.M.	February 5
Last Day for Adding Courses	February 12
Last Day for Dropping Courses	February 24
Spring Recess Begins (last class)	March 9
Spring Recess Ends at 8:00 A.M.	March 18
End of First Quarter	March 30
Easter Recess Begins (last class)	April 11
Easter Recess Ends at 8:00 A.M.	April 16
Alumni Day	May 18
Classes End	May 22
Final Examinations Begin	May 24
Semester Ends	June 1
Commencement	June 1

SUMMER SESSIONS 1968

Residence Halls Open	June 9
First Session	June 10 - July 19
Residence Halls Open	July 21
Second Session	July 22 - August 30

FALL SEMESTER 1968-1969

Residence Halls Open	September 1, 2
Freshman Orientation Begins	September 3
Registration—Freshmen, Transfer, Readmits	September 5
Registration—Upperclassmen, Special Students	September 6
Classes Begin at 8:00 A.M.	September 9
President's Convocation	September 10, 12
Last Day for Adding Courses	September 16
Last Day for Dropping Courses	September 27
End of First Quarter	November 9
Thanksgiving Recess Begins (last class)	November 26
Thanksgiving Recess Ends at 8:00 A.M.	December 2
Christmas Recess Begins (last class)	December 21
Christmas Recess Ends at 8:00 A.M.	January 6
Classes End	January 14
Final Examinations Begin	January 16
Semester Ends	January 25

SPRING SEMESTER 1968-1969

Residence Halls Open	January 29
Registration—Freshmen, Transfers, Readmits	January 30
Registration—Upperclassmen, Special Students	January 31
Classes Begin at 8:00 A.M.	February 3
Last Day for Adding Courses	February 10
Last Day for Dropping Courses	February 24
Spring Recess Begins (last class), End of First Quarter	March 29
Spring Recess Ends at 8:00 A.M.	April 8
Alumni Day	May 17
Last Day of Classes	May 21
Final Examinations Begin	May 23
Semester Ends	May 30
Commencement	May 30

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M.M., University of Michigan
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MANSFIELD STATE COLLEGE
MANSFIELD, PENNA. 16933

FOR PROSPECTIVE STUDENTS

The Preliminary Enrollment Blank below is to be completed and mailed to the Director of Admissions, Mansfield State College, Mansfield, Pa.

Date _____

Name _____
Last Name First Name Middle Name

Address _____
Number Street City

_____
County State Zip

Sex _____ Age _____

Date of High School Graduation _____

Name and Address of High School _____

_____

Year of College Work Completed (If Any) _____

Name of College and Address _____

_____

When do you expect to enter Mansfield? _____

Check the curriculum you desire to take:
Arts and Sciences ( ); Art Education ( ); Elementary Education ( ); Home Economics Education ( ); Library Education ( ); Music Education ( ); Secondary Education ( ); Public School Dental Hygienist ( ); Public School Nursing ( ).

If Secondary Education or Arts and Sciences, list major _____

Do you wish to live in the dormitories? _____

Are you enclosing with this blank the required Application Fee of $10.00 (payable to the Commonwealth of Pennsylvania)? _____

An additional $50.00 deposit will be required if accepted by the College.
Please answer EVERY question in this blank